

B

Type



Plans

BLD15-2043

Permit Number

2422

Street Number

BURBANK AVE

Street Name

BEL

Community Code

125-541-003

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: Jeff Marsh	Date Applied: _____
-------------------------------------------	---------------------

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 2422 Burbank Ave.	City: Santa Rosa	ZIP: 95407
Cross-Street: Hearn	APN: 125-541-003	Project Phone #: (707) 523-3513
Directions: _____	Email address: _____	Project Fax #: (707) 523-3514
Describe Project: Construction of 30' x 30' Garage / Workshop	Living Area _____	Contract Price: _____
	Garage _____	
	Decks _____	

OWNER NAME AND ADDRESS			APPLICANT NAME AND ADDRESS		
Name: Larry Moughler			Name: Jeff Marsh - SC Live Inc.		
Mailing Address: 2242 Burbank Ave.			Mailing Address: 3224 Outton Ave.		
City: Santa Rosa	State: CA	ZIP: 95407	City: Santa Rosa	State: CA	ZIP: 95407
Day Ph: () _____	Fax: () _____		Day Ph: (707) 523-3513	Fax: (707) 523-3514	

CONTRACTOR INFORMATION

Company Name: **SC Live Inc. DBA SC Barns**

Address: **3224 Outton Ave.**

City: **Santa Rosa** State: **CA** ZIP: **95407**

Day Ph: **707 523-3513** Fax: **(707) 523-3514**

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: _____

Address: _____

City: _____ State: _____ ZIP: _____

Day Ph: () _____ Fax: () _____

License No: _____ Exp. Date: _____

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: **State Compensation Insurance Fund**

Policy No: **9083388**

(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: **4/1/2016** Applicant: **Jeff Marsh - SC Live Inc.**

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: _____

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: _____

FOR DEPARTMENT USE

Zoning: **RR B6 4/10/11** File No: _____ Area: **1 ac**

Existing Use/Structures: **shed / accessory building**

Proposed Use/Structures: **Storage building**

Zoning Min. Yard Requirements: **Front 10' Side 5' Back 10'**

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: **205** Approval for Occupancy: _____

By: **Meetsullstrom** By: **Jeff Marsh**

Date: _____ Date: **4-28-2015**

Conditions: **NO SR - NO WD, NO BR**

Gave CFS handout to contractor

Sewer Connection: Available Fees Paid

Approved by: **[Signature]** Date: **4/28/15**

Road Encroachment: Fees Paid

Approved by: **[Signature]** Date: **4/28/15**

Septic System Permit/Clearance # _____

Approved by: _____ Date: _____

Flood Zone: Yes No 100 Year Flood Elevation: _____

Site Review

Drainage Review: **[Signature]** Date: **4/28/15**

Fire: **[Signature]** Date: **4/28/15**

Code Enforcement Violation Yes No Violation # _____

This permit is limited to _____ days.

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: **B** Lic. No.: **819063**

Exp. Date: **4/30/17** Contractor: **Jeff Marsh - SC Live Inc.**

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: **Jeff Marsh - SC Live Inc.**

ADDRESS: **3224 Outton Ave. Santa Rosa 95407**

CITY: _____ ZIP: _____

Contractor Owner Other Licensed Professional

Work Authorized:

DET. GARAGE / WORKSHOP

<input checked="" type="checkbox"/> Plans Approved	<input type="checkbox"/> Post FIRM	<input type="checkbox"/> Alquist Priolo Report Available
<input type="checkbox"/> No Plans Subject to Field Inspection	<input type="checkbox"/> Pre FIRM	<input type="checkbox"/> Geotechnical report Available
Permit Clear for Issuance: [Signature]	Date: 4/30/15	Type of Construction: VB U
Date: 7-2-15	Auto. Fire Sprinklers Req'd: NV	No. of Units: _____
PA Machine Space for Permit Fee: D \$ _____ JUL 2 2015 PERMIT AND RESOURCE MANAGEMENT DEPARTMENT		

JOB ADDRESS: 2422 Burbank Ave. Santa Rosa, CA 95403

PERMIT NUMBER: BDD15-2043

INSPECTION AREA: C

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

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			Garage/Shop	
103) FOUNDATION	2-16-15	X M		
FORMS/SETBACK				
FOOTING				
WALLS				
106) UFER GROUND #				
104) CAISSONS/PIERS				
105) SLAB	2-16-15	X M		
107) UNDERGROUND UTILITIES	8-12-15	JH/B		
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				
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				
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				
191) MANUF. HOME INSTALLATION				
CONTINUITY				
STAIRS/SKIRTS				
RIDGE BOLTING				
193) MANUF. HOME COND. FINAL				
SWIMMING POOLS				
194) PRE-GUNITE				
195) PRE-DECK				
196) PRE-PLASTER/FENCE				
197) VINYL/FIBERGLASS POOL EXCAVATION				
102) GRADING FINAL				
176) ELECTRICAL FINAL				
177) MECHANICAL FINAL				
178) PLUMBING FINAL				
199) FINAL	8-12-15	JH/B		
OCCUPANCY (OK TO OCCUPY)			PLAN RETENTION REQUIRED?	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	

- 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 checked="" 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 Local County

HEALTH DEPARTMENT

ZONING

SANITATION

PLAN 15-2043

Structural Calculations

For:

Larry Moughler - 30'-0" x 30'-4" Building

2422 Burbank Avenue
Santa Rosa, CA 95407

PREPARED FOR:

SC Barns
3224 Dutton Avenue
Santa Rosa, CA 95407
(707) 795-3513

KAS JOB NUMBER 15-081

LIMITATIONS

KAS & Associates has been retained in limited capacity for this project. Both Design and Calculations have been based on information provided by the client, who is solely responsible for the accuracy of said information. The Engineer assumes no responsibility or liability for any element of this project not specifically addressed in or by these calculations, totalling 40 sheets (including this cover), nor is any responsibility to be assigned to the Engineer. Any alterations to the design of this project MUST be brought to the attention of the engineer for consideration as to the impact that they will have to the engineered design. Any and all deviations from the engineered design, not approved in writing by the engineer, will make these calculations NULL and VOID.

This Packet of Calculations is NULL and VOID if Signature below is not Original (Should appear in Red ink)



CIVIL
STRUCTURAL
PLANNING

Medford, OR 97501
304 S. Holly Street
Tel: (541) 772-5807
Fax: (541) 618-7389
kas@kasinc.com

Grants Pass, OR 97527
1867 Williams Hwy, Suite 222
Tel: (541) 479-5801
Fax: (541) 244-2651
kas@kasinc.com



4-22-15



CIVIL
•
STRUCTURAL
•
PLANNING

Project: **Larry Moughler – 30'-0" x 30'-4" Bldg**
Client: **SC Barns**
Done By: **CJE**
Date: **4/23/2015**
Job No.: **15-081**

Design Criteria

Project Scope: Provide engineering calculations for:

1. Gravity Design – trusses, roof framing, foundations
2. Lateral load normal to structure
3. Lateral Bracing Elements

This firm has not been retained for any structural components not specifically addressed in the following calculations.

Design Specifications:

1. 2013 California Building Code based on the 2012 International Building Code

Wind Design:

Risk Category:	II	ASCE 7-10 Table 1.5-1
Wind Speed (mph):	110	(ASCE 7-10 3-sec gust)
Exposure:	C	(From Building Authority)

Earthquake Design:

Risk Category:	II	ASCE 7-10 Table 1.5-1
Site Class:	D	(Assumed 2013 CBC)
Importance Factor, I_E :	1.00	ASCE 7-10 Table 1.5-2
Seismic Design Category:	D	

Live Load:

Roof:	16 psf
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Design Assumptions:

1. Allowable soil bearing pressure (q_a) : 1000 psf

Statement of Special Inspections

CNI-033

Name of Owner Larry Moughler
Permit Number BD15-2043

Address 2242 Burbank Ave., Santa Rosa 95407
Job Description 30' x 30' Garage/Workshop

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

Included are:

- Schedule of Special Inspections and tests applicable to this project:
 - Special Inspections per Sections 1704 and 1705
 - Special Inspections for Seismic Resistance
 - Structural Observations per Section 1709
- List of the Testing Agencies and other special inspectors that will be retained to conduct the tests and inspections.
- Contractor's Statement of Responsibility, per CBC Section 1706.

Special inspections and Testing will be performed in accordance with the approved plans and specifications, this statement, and CBC sections 1704, 1705, 1707, and 1708.

The Schedule of Special Inspections summarizes the Special Inspections and tests required. Special Inspectors will refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests and inspections required by the approved plans and specifications will 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 1704.1.2.

A Final Report of Special Inspections documenting required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy (Section 1704.1.2). The Final Report will document:

- Required special inspections.
- Final results of required structural testing.
- Correction of discrepancies noted in inspections.

The Owner recognizes his or her obligation to ensure that the construction complies with the approved permit documents and to implement this program of special inspections. In partial fulfillment of these obligations, the Owner will retain and directly pay for the Special Inspections as required in CBC Section 1704.1.

This plan has been developed with the understanding that the Building Official will:

- Review and approve the qualifications of the Special Inspectors who will perform the inspections.
- Review submitted inspection reports.
- Perform inspections as required by the local building code.

Prepared by:

CHRISTINA J. ELSETH, P.E.
Registered Design Professional in Responsible Charge

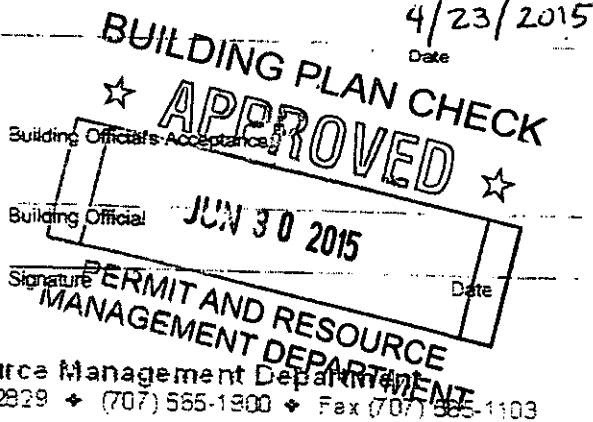
Christina J. Elseth
Signature

C 70574
License Number

4/23/2015
Date

Owner's Authorization:

Larry Moughler
Owner
[Signature]
Signature 4/23/2015
Date



Sonoma County Permit and Resource Management Department
1553 Mantara Avenue • Santa Rosa, CA • 95403-2829 • (707) 565-1900 • Fax (707) 565-1103

Schedule of Inspection, Testing Agencies, and Inspectors

The following are the testing agencies and special inspectors that will be retained to conduct tests and inspection on this project.

Responsibility	Firm	Address, Telephone, e-mail
1. Special Inspection (except for geotechnical)	FORSYTHE ENGINEERING CONSULTANTS	1760 INDUSTRIAL WAY suite 1 Napa CA 94558
2. Material Testing		(707) 259-1292 OFFICE (707) 259-1939 FAX
3. Geotechnical Inspections		
4.		

Seismic Requirements (Section 1705.3.1)

Description of seismic-force-resisting system and designated seismic systems subject to special inspections as per Section 1705.3:

The extent of the seismic-force-resisting system is defined in more detail in the construction documents.

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

Brief description of required special inspections and structural observations for this project. Full schedule of requirements are those that are v'd on the following pages:

1. INSPECTION OF LESS THAN 5/16" ~~WELDS~~ SINGLE PASS FILLET WELDS (PERIODIC)
2. Inspection of 1/2" Simpson Titen Anchors

Schedule of Special Inspection

Notations used in this Table:

Column headers:

- C Indicates continuous inspection is required.
- P Indicates periodic inspections are required. The notes and/or contract documents should clarify.

Box entries:

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

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

Verification and Inspection	C	P	✓ if Req.	Notes
1704.2.1 - Inspect fabricator's fabrication and quality control procedures.	-	-		
Table 1704.3 - Steel				
1. Material verification of high-strength bolts, nuts and washers.				
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		X		
b. Manufacturer's certificate of compliance required.		X		
2. Inspection of high-strength bolting:		X		
a. Bearing-type connections.		X		
b. Slip-critical connections	X	X		
3. Material verification of structural steel:				
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	-	-		
b. Manufacturer's mill test reports	-	-		
4. Material verification of weld filler materials:				
a. Identification markings to conform to AWS designation listed in the WPS.	-	-		
b. Manufacturer's certificate of compliance required.	-	-		
5. Inspection of welding:				
a. Structural steel				
1) Complete and partial penetration groove welds.		X		
2) Multipass fillet welds.		X		
3) Single-pass fillet welds > 5/16"		X		

4) Single-pass fillet welds $\leq 5/16"$		X	✓	
5) Floor and roof deck welds.		X		
b. Reinforcing steel				
1) Verification of weldability of reinforcing steel other than ASTM A 706		X		
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls, and shear reinforcement.	X			
3) Shear reinforcement.	X			
4) Other reinforcing steel		X		
6. Inspection of steel frame joint details for compliance with approved construction documents: a. Details such as bracing and stiffening. b. Member locations. c. Applications of joint details at each connection.		X		
1704.3 - Welded studs when used for structural diaphragms.		X		
1704.3 - Welding of cold-formed sheet steel framing members.		X		
1704.3 - Welding of stairs and railing systems.		X		
Table 1704.4 - Concrete				
1. Inspection of reinforcing steel, including prestressing tendons and placement.		X		
2. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	X			
3. Verifying use of required design mix.		X		
4. At time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.	X			
5. Inspection of concrete and shotcrete placement for proper application techniques.	X			
6. Inspection for maintenance of specified curing temperature and techniques.		X		
7. Inspection of prestressed concrete.				
a. Application of prestressing forces.	X			
b. Grouting of bonded prestressing tendons	X			
8. Erection of precast concrete members.		X		

9. Verification of in-situ concrete strength, prior to stressing of tendons in postensioned concrete and prior to removal of shores and forms from beams and structural slabs.		X		
10. Inspect formwork for shape, location, and dimensions of the concrete member being formed.		X		
Table 1704.5.1 - Level 1 Masonry Inspections.				
1. At the start of masonry construction verify the following to ensure compliance:				
a. Proportions of site-prepared mortar.		X		
b. Construction of mortar joints.		X		
c. Location of reinforcement, connectors, prestressing tendons, and anchorages.		X		
d. Prestressing technique.		X		
e. Grade and size of prestressing tendons and anchorages.		X		
2. Verify:				
a. Size and location of structural elements.		X		
b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.		X		
c. Specified size, grade, and type of reinforcement.		X		
d. Welding of reinforcing bars.	X			
e. Protection of masonry during cold weather (temperature below 40° F) or hot weather (temperature above 90° F)		X		
f. Application and measurement of prestressing force.		X		
3. Prior to grouting verify the following to verify compliance.				
a. Grout space is clean.		X		
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.		X		
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.		X		
d. Construction of mortar joints.		X		
4. Verify grout placement to ensure compliance with code and construction document provisions.				
a. Observe grouting of prestressing bonded tendons.	X			
5. Observe preparation of required grout specimens, mortar specimens, and/or prisms.	X			

6. Verify compliance with required inspection provisions of the construction documents and the approved submittals.		X		
Table 1704.5.3 - Level 2 Masonry Inspections				
1. From the beginning of masonry construction the following shall be verified to ensure compliance:				
a. Proportions of the site-prepared mortar, grout, and prestressing grout for bonded tendons.		X		
b. Placement of masonry units and construction of mortar joints.		X		
c. Placement of reinforcement, connectors and prestressing tendons and anchorages.		X		
d. Grout space prior to grouting.	X			
e. Placement of grout.	X			
f. Placement of prestressing grout.	X			
2. Verify:				
a. Size and location of structural elements.		X		
b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames and other construction.	X			
c. Specified size, grade, and type of reinforcement.		X		
d. Welding of reinforcing bars.	X			
e. Protection of masonry during cold weather (temperature below 40° F) or hot weather (temperature above 90° F)		X		
f. Application and measurement of prestressing force.	X			
3. Preparation of any required grout specimens, mortar specimens, and/or prisms shall be observed.	X			
4. Compliance with required provisions of construction documents and the approved submittals shall be verified.		X		
1704.6 - Inspect prefabricated wood structural elements and assemblies in accordance with Section 1704.2.	-	-		
1704.6 - Inspect site built assemblies.	-	-		
1704.6.1 - Inspect high-load diaphragms:	-	-		
1. Verify grade and thickness of sheathing.	-	-		
2. Verify nominal size of framing members at adjoining panel edges.	-	-		

4. Verify: <ul style="list-style-type: none"> Nail or staple diameter and length, Number of fastener lines, Spacing between fasteners in each line and at edge margins. 	-	-		
Table 1704.7 - Inspection of Soils				
1. Verify materials below footings are adequate to achieve the desired bearing capacity.		X		
2. Verify excavations are extended to proper depth and have reached proper material.		X		
3. Perform classification and testing of controlled fill materials.		X		
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	X			
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.		X		
Table 1704.8 - Pile Foundations				
1. Verify pile materials, sizes and lengths comply with the requirements.	X			
2. Determine capacities of test piles and conduct additional load tests, as required.	X			
3. Observe driving operations and maintain complete and accurate records for each pile.	X			
4. Verify locations of piles and their plumbness. <ul style="list-style-type: none"> Confirm type and size of hammer. Record number of blows per foot of penetration. Determine required penetrations to achieve design capacity. Record tip and butt elevations and record any pile damage. 	X			
5. For steel piles, perform additional inspections in accordance with Section 1704.3	-	-		
6. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	-	-		
7. For augered uncased piles and caisson piles, perform inspections in accordance with Section 1704.9.	-	-		
Table 1704.9 - Pier Foundations				
1. Observe drilling operations and maintain complete and accurate records for each pier.	X			

2. Verify locations of piers and their plumbness. Confirm: • Pier diameters, • Bell diameters (if applicable), • Lengths, embedment into bedrock (if applicable), • Adequate end strata bearing capacity.	X			
• Table 1704.10 - Sprayed Fire-Resistant Materials				
1. Inspect surface for accordance with the approved fire-resistance design and the approved manufacturer's written instructions	-	-		
2. Verify minimum ambient temperature before and after application.	-	-		
3. Verify ventilation of area during and after application.		X		
4. Measure average thickness per ASTM E605 and section 1704.10.3	-	-		
5. Verify density of material for conformance with the approved fire-resistant design and ASTM E605.	-	-		
6. Test cohesive/adhesive bond strength per Section • 1704.10.5.	-	-		
1704.11 - Mastic and Intumescent Fire-Resistant Coating	-	-		
1704.12 - Exterior Insulation and Finish Systems (EIFS)	-	-		
1704.13 - Alternate Materials and Systems	-	-		
1704.14 - Smoke Control System	-	-		
1705.3.1 - Seismic-force-resisting System				
1705.3.2 - Designated Seismic Systems				
1705.3.3.1 - HVAC ductwork containing hazardous materials and anchorage of such ductwork				
1705.3.3.2 - Piping systems and mechanical units containing flammable, combustible or highly toxic materials				
• 1705.3.3.3 - Anchorage of electrical equipment used for emergency or standby power				
1705.3.4.2 - Exterior wall panels and their anchorage				
1705.3.4.3 - Suspended ceiling systems and their anchorage				
1705.3.4.4 - Access floors and their anchorage.				
1705.3.4.5 - Steel storage racks and their anchorage				
1705.3.5.2 - Electrical equipment				

Special Inspections for Seismic Resistance			
1707.2 - Special inspection for welding in accordance with AISC 341.	X		
1707.3 - Structural Wood			
1. Inspect field gluing operations of elements of the seismic-force-resisting system.	X		
2. Inspect nailing, bolting, anchoring, and other fastening of components within the seismic-force-resisting system, including: <ul style="list-style-type: none"> • Wood shear walls, • Wood diaphragms, • Drag struts, braces, • Shear panels, • Hold-downs 		X	
1707.4 - Cold-Formed Steel Framing			
1. Welding of elements of the seismic-force-resisting system.		X	
2. Inspection of screw attachments, bolting, anchoring, and other fastening of components within the seismic-force-resisting system including struts, braces, and hold-downs.		X	
1707.5 - Pier Foundations			
1. Placement of reinforcing		X	
2. Placement of concrete	X		
1707.6 - Anchorage of storage racks and access floors 8 feet or greater in height.			
		X	
1707.7 - Architectural Components			
1. Inspect erection and fastening of exterior cladding weighing more than 5 psf.		X	
2. Inspect erection and fastening of interior and exterior non-bearing walls weighing more than 15 psf.		X	
3. Inspect erection and fastening of interior and exterior veneer weighing more than 5 psf.		X	
1707.8 - Mechanical and Electrical components			
1. Inspect anchorage of electrical equipment for emergency or stand-by power systems.		X	
2. Inspect anchorage of non-emergency electrical equipment.		X	
3. Inspect installation of piping systems and associated mechanical units carrying flammable, combustible, or highly toxic contents.		X	
4. Inspect installation of HVAC ductwork that contains hazardous materials.		X	
5. Inspect installation of vibration isolation systems where required by Section 1707.8		X	

1707.9 - Verify that the equipment label and anchorage or mounting conforms to the certificate of compliance when mechanical and electrical equipment must be seismically qualified.	-	-		
1707.10 - Seismic isolation system: Inspection of isolation system per ASCE 7 - Section 17.2.4.8		X		
1708.1 - Masonry Testing for Seismic Resistance				
1708.1.1 - Verify certificates of compliance prior to construction.	-	-		
1708.1.2 - Verification of f_m and f_{AAC} prior to construction.	-	-		
1708.1.4 - Verification of f_m and f_{AAC} every 5000 square feet during construction.	-	-		
1708.1.4 - Verification of proportions of materials in mortar and grout as delivered to the site.	-	-		
1708.3 - Obtain mill certificates for reinforcing steel, verify compliance with approved construction documents, and verify steel supplied corresponds to certificate.	-	-		
1708.4 - Structural Steel: Invoke the QAP Quality Assurance requirements in AISC 341.	-	-		
1708.5 - Obtain certificate that equipment has been tested per Section 1708.5.	-	-		
1708.6 - Obtain system tests as required by ASCE 7 Section 17.8.	-	-		

Contractor's Statement of Responsibility

Per Section 1706, each contractor responsible for the construction of a main wind- or seismic-force-resisting system, designated seismic system or a wind- or 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 include the following (attach additional sheets if necessary):

1. Acknowledgment of awareness of the special requirements contained in the statement of special inspections:

SC Live Inc dba SC Barns is aware of the special inspection requirements listed on Sheet 2 of 12.

2. Acknowledgment that control will be exercised to obtain conformance with the construction documents approved by the building official:

SC Live Inc dba SC Barns will maintain control to ensure conformance with the construction documents approved by the building official.

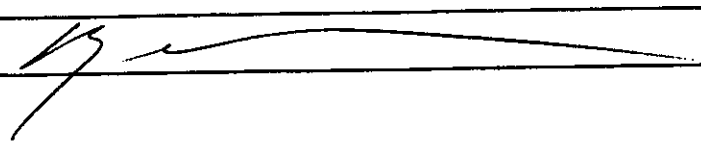
3. Procedures for exercising control within the contractor's organization.

SC Live Inc dba SC Barns will monitor and inspect all work to be performed, schedule all special inspections with the approved agency's listed on page 2 of 12 and provide the building inspector with the proper letter of completion from the special inspection agency

the method and frequency of reporting and the distribution of the reports:

All reports will be compiled by SC Live Inc dba SC Barns when required and distributed to the building inspector.

4. Identification and qualifications of the person(s) exercising such control and their position(s) in the organization. (Complete this page for each person exercising such control.)

Date:	Permit Number:
Contractor Name, License Number and Contact Information: SC Live Inc dba SC Barns - 819063 3224 Dutton Ave Santa Rosa Ca 95407	
Name of Designated Quality Controller: Ryan Giannecchini	
Contact Information: 707-523-3513	
Qualifications: Contractor Certified welder	
Specific Tests/Inspections Individual is Responsible for Coordinating & Distributing Reports: - Fillet welds $\leq 5/16"$ - Titen Anchoring	
Additional Notes:	
Signature: 	

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:

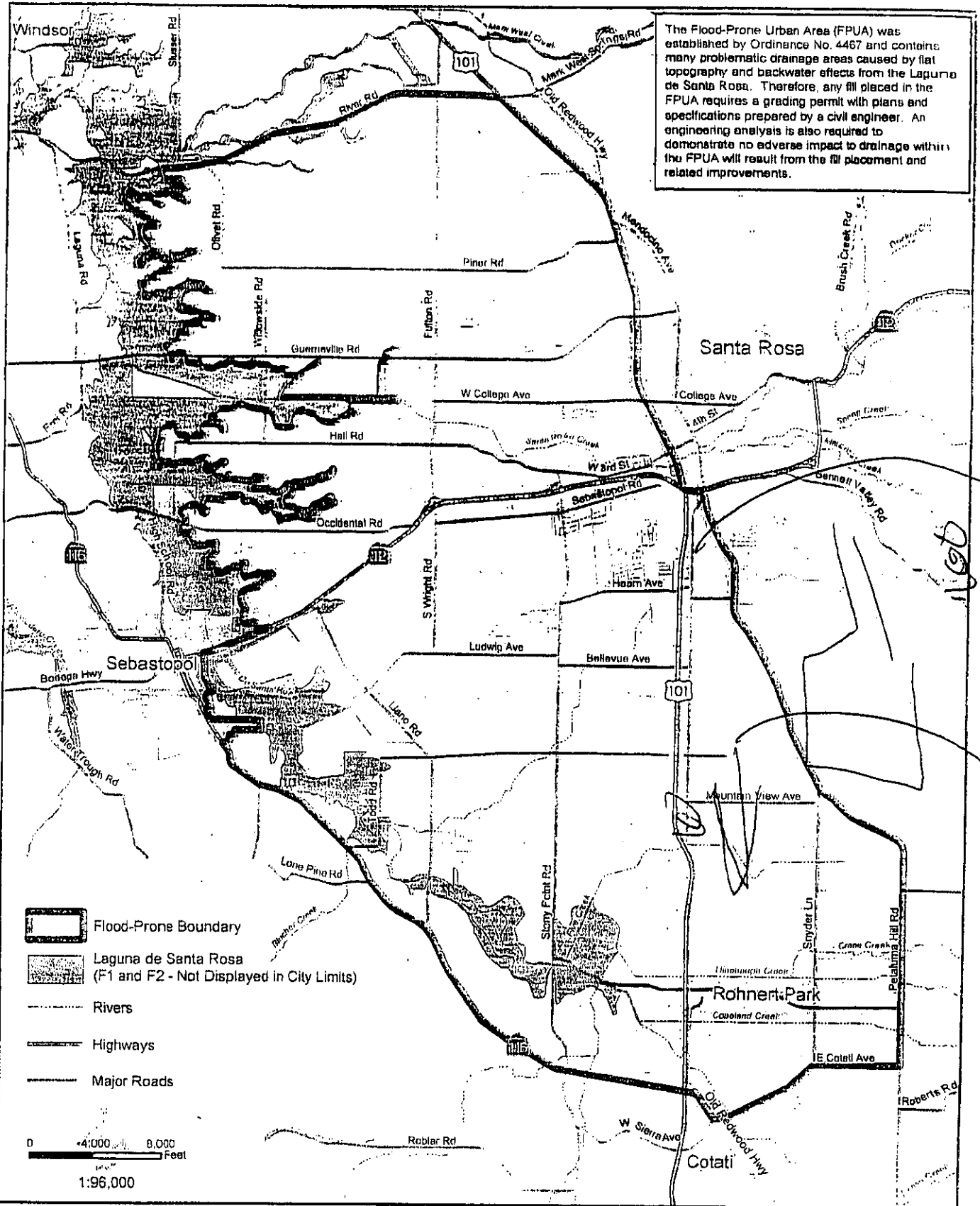
I, as the applicant, understand that a "Yes" answer to any of the above questions means that a grading permit is required for my proposed project. Furthermore, the grading permit must be approved before a building permit can be approved for the site. If any answers are "Unknown" to me, I should contact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

Jeff Marsh - SC Live Inc.
Applicant Printed Name
[Signature]
Applicant Signature
4/25/2015
Date

2422 Burbank Ave. Santa Rosa
Property Address
125-541-003
Assessor's Parcel Number(s)
BLD15-2043
Building Permit Number(s)

FLOOD-PRONE URBAN AREA

The Flood-Prone Urban Area (FPUA) was established by Ordinance No. 4467 and contains many problematic drainage areas caused by flat topography and backwater effects from the Laguna de Santa Rosa. Therefore, any fill placed in the FPUA requires a grading permit with plans and specifications prepared by a civil engineer. An engineering analysis is also required to demonstrate no adverse impact to drainage within the FPUA will result from the fill placement and related improvements.



Map Scale and Reproduction methods limit precision in physical features displayed. This map is for illustrative purposes only, and is not suitable for permit-specific decision making. Site-specific studies are required to draw permit-specific conclusions.

No part of this map may be copied, reproduced, or transmitted in any form or by any means without written permission from the Permit and Resource Management Department (PRMD), County of Sonoma, California. Maps contained in a planning document published by PRMD may be photocopied by members of the public for review and comment purposes.

Sonoma County
Permit and Resource Management Department

2550 Ventura Avenue, Santa Rosa, California 95403
 707-565-1900 FAX 707-565-1103



COUNTY OF SONOMA

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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

May 13, 2015

SC Live Inc
3224 Dutton Avenue
Santa Rosa, CA 95407

Re: Site Evaluation at: 2422 Burbank Ave.
A.P.N.: 125-541-003
File Number: BLD15-2043

To Whom It May Concern:

A site evaluation has been completed as the first step in processing your proposal for construction at the above address. This evaluation indicated the need for a geotechnical investigation to properly evaluate the site and to make recommendations for foundation design. This geotechnical investigation must address the following:

1. Site stability and differential heaving and settlement due to possible expansive soils.

This report must be prepared by a firm experienced and licensed in the field of geotechnical engineering. Section 1802 of the California Building Code sets the requirements and the information to be included in this report.

Your building permit application and building plans have been forwarded to our Plan Check Section. The plan check cannot commence until this geotechnical report is received. The project plans should reflect the recommendations contained in this report. Please address any future information to the Plan Check Section with the owner's name, site address and file number for reference.

The results of this site review are valid for one year and apply only to the exact location shown on the plot plan that was submitted. If the proposed construction location is moved, a new site review will be required.

If you have any questions, please contact me at 707-565-3142. This number is connected to voice mail that also functions after normal business hours. If you are mailing any materials to me, please also include the above file number.

Sincerely,

Dave Barnett
Senior Plans Examiner

c: BLD15-2043
Lawrence Moughler

B

125-541-003

SITE EVALUATION SHEET

Address

2422 BURBANK AVE

PC#

BUD 15-2043

Inspector

DAVE BARNETT

Date

5/8/15

The proposed construction appears to be located in:

Flood Hazard:	<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.
Geo-technical:	<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 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 type="checkbox"/> Flood Prone Urban Area defined by Ordinance #4906.	
	<input 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 checked="" 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)
Geologic:	<input 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. Soils Investigation:	<input type="checkbox"/> Non exempt structure per tech bulletin B-28.
Seismic:	<input type="checkbox"/> Located in the Alquist-Priolo Special Studies Zone.	Required <input checked="" type="checkbox"/> Included <input type="checkbox"/> Available <input type="checkbox"/> Not Required <input type="checkbox"/>
General:	Seismic Design Category (SDC) D E <input type="checkbox"/>	<input type="checkbox"/> Geologic report required (see CGS Publication 42).
Wind:	<input type="checkbox"/> Building addition will affect the required light and ventilation in an existing room.	<input type="checkbox"/> Pictures available in S Drive
	<input type="checkbox"/> Existing electric meter must be replaced.	<input type="checkbox"/> Indications of existing substandard conditions that are not addressed by the proposed construction.
	<input type="checkbox"/> Existing gas meter must be replaced.	<input type="checkbox"/> Indications of past work done without a permit.
	Slope is _____	<input type="checkbox"/> Grading permit required for road, driveway, or site preparation.
	Exposure "B" Exposure <input checked="" type="radio"/> "C" Exposure "D"	<input type="checkbox"/> Site is likely to be acceptable for conventional construction methods.
		N.S.C. Air Pollution Control District..... <input type="checkbox"/> Yes <input type="checkbox"/> No

Expansive Soil. CFA* Flat Building site no other issues other than Flood Prone Urban Area

check file for previous soils Report for SFD.

Soil Report REQUIRED
Required by policy, but occupancy with light metal framing is low risk. waive requirement for this particular project. 6/24/15 DDB

FORSYTHE

ENGINEERING CONSULTANTS

FINAL SPECIAL INSPECTION LETTER

County of Sonoma
Permit & Resource Management Dept.
c/o Building Inspection
2550 Ventura Avenue
Santa Rosa, CA 94403-2829

Date: August 5, 2015

PERMIT# BLD15-2043

PROJECT:
Moughler Metal Bldg.
2422 Burbank Avenue
Santa Rosa, CA

This is to certify that in accordance with Section 1704 of the California Building Code, we have provided the Special Inspections summarized below:

1. Structural Steel Welding

Welding Contractor: SC Barns, Santa Rosa, CA, Verified Welder Certification Papers Metal Bldg.

½" fillet weld @ C2x2x16ga to TS2x2x16ga @ sidewall frame (D1,D4/6)

@ C2x2x16ga to TS2x2x16ga @ stacker frame (D2/6)

@ 14 ga channel to TS2x2x12ga support posts

@ TS2x2x16ga braces to TS2x3x12ga post & 14ga channel (D5/6)

@ 16 ga plates to top & bottom truss chords (C1,D5/6)

@ 14 ga plates to top truss chords (C2/6)

@ 16 ga plates to TS2x2x16 ga wall framing (C3/6)

@ 16 ga plates to TS2x2 overhang supports (B1/6)

@ TS2x2x16ga to TS2x2x16ga wall assemblies (B2/6)

@ C2x2x16ga to bottom truss chord splice (B1/3)

@ L2x2x14ga braces to TS2x2 wall framing (A2/3)

2. Titen HD Anchors

(32 total) ½" x 6" Simpson Titen HD anchors @ Metal Bldg.

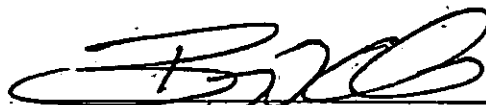
(as per detail B4/6)

Holes were clean, dry, proper size & free of debris prior to application of adhesive

Observed the installation of Titen anchors – anchors were installed per manufacturer's specifications

Based upon inspections performed and our substantiating reports, it is our professional judgment that, to the best of our knowledge, the inspected work was performed in accordance with the approved plans, specifications, and applicable workmanship provisions of the California Building Code.

Very truly yours,



Barry Forsythe

Project Manager

ICC no. 1108167-85

PROPERTY IS CURRENTLY CONNECTED TO
SANTA ROSA CITY SEWER

PROPOSED
30' X 30'
BUILDING

BURBANK AVE

APN 125-541-003

EXISTING
OUT BUILDINGS

WELL

HOUSE

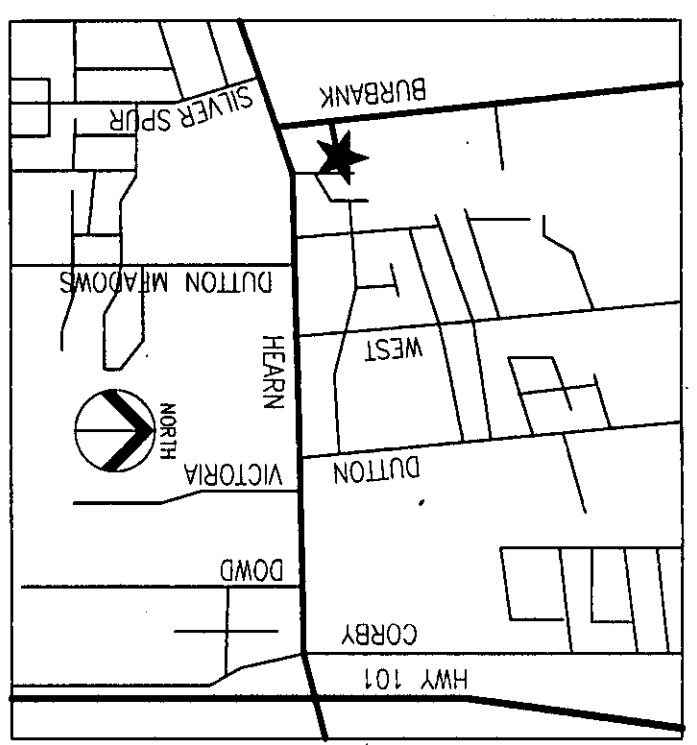
120.5

121

165'

SITE PLAN

SCALE 1"=40'-0"



VICINITY MAP

2422 BURBANK AVE
SANTA ROSA, CA 95407

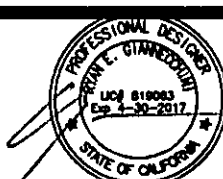
ZONING APPROVAL

WORK INDICATED ON THESE DRAWINGS IS APPROVED ON THE BASIS THAT ALL WORK WILL COMPLY WITH ALL REQUIREMENTS OF THE COUNTY OF SONOMA, WHETHER SHOWN ON THESE DRAWINGS OR NOT.

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

4/28/16

LARRY MOUGHLER
2422 BURBANK AVE
SANTA ROSA, CA 95407



S&BARN'S
BUILDINGS & FENCE

SC LINE INC. DBA SC BARN'S LIC#819083
3224 DUTTON AVE. SANTA ROSA, CA. 707-523-3513
www.s&barns.com

NO.	DATE	DESCRIPTION
1	4.8.2015	FINAL SITE PLAN
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROJECT NO. 11111
JOB FILE: 11111
DATE: 4.8.2015
DRAWN BY: LMM
CHECKED BY: LMM
SCALE: AS SHOWN
SHEET TITLE: SITE PLAN