

B

Type



Plans

BLD12. 4304

Permit Number

14715

Street Number

BODEGA HWY

Street Name

TWI

Community Code

026.120.006

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: Steve Martin

Date

Applied: 10-18-12

## INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

### SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: <u>14715 Bodoga Hwy</u>	City: <u>Bodega</u>	ZIP: _____
Cross-Street: <u>Valley Ford Rd.</u>	Project Phone #: ( ) _____	Project Fax #: ( ) _____
Directions: _____	Email address: <u>Steve@smassociates</u>	Unit # _____ Lot # _____
Describe Project: <u>Truck Scale</u>	Living Area: _____	Contract Price: <u>5,500.00</u>
	Garage: _____	
	Decks: _____	

### OWNER NAME AND ADDRESS

Name: Steve Kistler

Mailing Address: 7366 Shiloh Road

City: Santa Rosa State: CA ZIP: \_\_\_\_\_

Day Ph: (707) 823-5603 Fax: ( ) \_\_\_\_\_

### APPLICANT NAME AND ADDRESS

Name: Steve Martin

Mailing Address: 130 S. Main St. #201

City: Sebastopol, CA State: CA ZIP: 95472

Day Ph: (707) 824-9730 Fax: (707) 824-9707

### CONTRACTOR INFORMATION

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Day Ph: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

### OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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 3708 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: 10-18-12 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.

Signature: \_\_\_\_\_

ADDRESS: 130 S. Main St. #201 Sebastopol, CA CITY: \_\_\_\_\_ ZIP: \_\_\_\_\_

☐ Contractor ☐ Owner ☒ Other Licensed Professional

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

### 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: RRDB/100, SR 100 Area: 250ac

Existing Use/Structures: Vineyard, proposed winery

Proposed Use/Structures: Truck Scale

Zoning Min. Yard Requirements: Front \_\_\_\_\_ Side \_\_\_\_\_ Back \_\_\_\_\_

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: 10/18/2012

Conditions: Truck Scale - approved

Winery

Sewer Connection: ☐ Available ☐ Fees Paid

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Road Encroachment: ☐ Fees Paid

Approved by: \_\_\_\_\_ Date: 18 Oct 12

Septic System Permit Clearance # SEP11-0620

Approved by: James Johnson Date: 10/18/12

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

Site Review: BLD12-3744

Drainage Review: 18 Oct 12

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Fire: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

Work Authorized: truck scale

☒ Plans Approved ☐ Post FIRM ☐ Alquist Priolo Report Available

☐ No Plans Subject to Field Inspection ☐ Pre FIRM ☐ Geotechnical report Available

Permit Cleared By: Earl Smith Date: 3/5/13

Permit Cleared By: Barker Date: 3/5/13

Auto. Fire Sprinklers Req'd: 1B U

No. of Units: \_\_\_\_\_ Certificate of Occupancy: \_\_\_\_\_

**PAYMENT REC'D**

\$ \_\_\_\_\_

**MAR 21 2013**

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

COUNTY OF SONOMA

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 #				
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				
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	6/3/13	DF		
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	6/18/14	Jan		
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 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	

PERMIT # B012-4304

# COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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

Application for: ☐ Temporary Occupancy ☒ Temporary Electric for Construction  
☐ Temporary Gas Meter Set ☒ Temporary Electric Meter Set

This permit does not constitute approval for occupancy until structure has been inspected and approved.  
 INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

## SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 14715 BODEGA HIGHWAY City: TWIN HILLS ZIP: 95476  
 Cross-Street: APN: 026-120-006 Project Phone #: 707 974 1890 Project Fax #: 707 922 1289  
 Directions: Subd. Name: Unit # Lot #

## OWNER INFORMATION

Name: STEVE KISTLER  
 Mailing Address: 4707 VINE HILL RD  
 City: SEARAPOL State: CA ZIP: 95472  
 Day Ph: 707 823-5600 Fax: ( )

## CONTRACTOR INFORMATION

Company Name: GRACIE CONST.  
 Address: Box 1797  
 City: SONOMA State: CA ZIP: 95476  
 Day Ph: 707 974 1890 Fax: 707 922 1289

## 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

Date \_\_\_\_\_ Owner \_\_\_\_\_

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

Box 1797 SONOMA 95476  
 ADDRESS CITY ZIP

☒ Contractor ☐ Owner ☐ Other (Licensed Professional, etc.)

## NATURE OF INSTALLATION

- ☐ Temporary Occupancy  
 Note: For temporary occupancy only after structure has been inspected and approved.
- ☒ Temporary Electric for Construction  
 Note: For construction purposes only. Approval of temporary utilities will be revoked if building is occupied prior to final approval
- ☐ Temporary Gas Meter Set  
 Note: Gas meter must be complete with vent flue, completed duct work (grilles not required) and approved gas connection.
- ☒ Temporary Electric Meter Set  
 Note: Rough electrical must be approved, ready for fixtures and finish; with all exposed wired protected against shock hazard or possible shorts before meter installation may be authorized.

Temporary Permit Revised: 07/07/2004

## INSPECTIONS

Inspector	Date
Temporary Occupancy	
Temporary Electric for Construction	
Temporary Gas Meter Set	
Temporary Electrical Meter Set	

Conditions:

RE: BLD11-3956

## 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: SMTE COMP  
 Policy No: 90M180

(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: 7/4/13 Applicant: (X) [Signature]

**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.**

## 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.: 806540  
 Exp. Date: 9/30/13 Contractor: GKA [Signature]

Permit Number: BLD 12-0031 Area: TEM

## APPROVALS - FOR DEPARTMENT USE

Zoning \_\_\_\_\_ File No. \_\_\_\_\_ Acres \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Sewer Connection: ☐ Available ☐ Fees Paid  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Septic System Permit/Clearance # \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Fire: \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Code Enforcement Violation ☐ Yes ☒ No Violation # \_\_\_\_\_  
 This permit is limited to \_\_\_\_\_ days.

Other: \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Permit Cleared for issuance by: [Signature] Date: 7/26/12

WHEN VALIDATED THIS IS YOUR PERMIT  
 THROUGH 3.6.15

14715 BODEGA HWY

8

# JES

1265 WILSON ROAD  
CLOVERDALE, CA 95425  
(707) 894-3511

CONSULTING ENGINEERS  
SPECIAL INSPECTION  
MATERIALS TESTING  
FAILURE ANALYSIS

## CONSTRUCTION OBSERVATION REPORT

PROJECT: POZZI RANCH WINERY DATE: 4/8/13

CLIENT: KISTLER VINEYARDS JES JOB NO.: \_\_\_\_\_

CONSTRUCTION PERMIT NO.: \_\_\_\_\_ HOURS AT JOB SITE & TRAVEL: \_\_\_\_\_

Type of Special Inspection:

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Masonry                        | <input type="checkbox"/> Concrete                | <input type="checkbox"/> Shotcrete         | <input type="checkbox"/> Epoxied Dowel Bars   |
| <input checked="" type="checkbox"/> Steel Reinforcement | <input type="checkbox"/> Post Tension Tendons    | <input type="checkbox"/> H.S. Bolting      | <input type="checkbox"/> Epoxied Anchor Bolts |
| <input type="checkbox"/> Metal Decking                  | <input type="checkbox"/> Welding                 | <input type="checkbox"/> Fireproofing      | <input type="checkbox"/> Roofing Membrane     |
| <input type="checkbox"/> Foundation Excavation          | <input type="checkbox"/> Fill Placement          | <input type="checkbox"/> Soil Compaction   | <input type="checkbox"/> Decking Membrane     |
| <input type="checkbox"/> Anchor Bolt Installation       | <input type="checkbox"/> A.B. Proof Load Testing | <input type="checkbox"/> Diaphragm Nailing | <input type="checkbox"/> Rammed Earth / PISE  |

SPECIAL INSPECTION SUMMARY: \_\_\_\_\_

I) OBSERVED PLACEMENT OF REINFORCING  
STEEL FOR THE SLAB ON GRADE  
OF THE TRUCK SCALE DRAWINGS  
PREPARED BY AVERY WEIGH-TRONIX  
SHEET No. 78094-7980 No. 1 & No. 2

REINFORCING STEEL COMPLIES WITH  
THE PROJECT DRAWINGS

ACKNOWLEDGED BY:

Contractor: GRACIE CONST.

(JES) REPRESENTATIVE

DAVE JANDREY  
Printed Name

PAGE 1 OF 1

[Signature]  
Signature

# THREE (3) FOOT DEEP SCALE PIT STRESS ANALYSIS

## DWG NO. D98094-7980 Rev. X - BMS/BMC 2410

page 1

\*\*\*\*\* PIT WALLS, SOIL PRESSURE FROM SIDE \*\*\*\*\*

WALL HEIGHT:	36 in
WALL THICKNESS, h:	8 in
FLOOR THICKNESS, t:	8 in
STEEL STRENGTH, $f_y$ :	60000 psi
CONCRETE STRENGTH, $f'_c$ :	3500 psi
REBAR SIZE, DIA:	0.5 in
REBAR SPACING, IN:	18 in
REBAR AREA/FOOT OF WALL, $A_s$ , IN <sup>2</sup> :	0.13090 in <sup>2</sup> / foot of wall
CENTERLINE OF REBAR TO WALL EDGE, d:	6.00 in
$p=A_s/bd$ :	0.00181805

$a=A_s*f_y/0.85*f'_c*b$ :	0.22000
ACTUAL $a/d$ :	0.03667
$ab/d=b^1*(87,000/(87,000+f_y))$ :	0.50306
$.75*ab/d$ :	0.37730 MUST BE $\geq$ ACTUAL $a/d$ !!!

\*\*\* NOMINAL MOMENT CAPACITY OF WALL,  $M_n$ :

$M_n=A_s*f_y*(d-a/2)$ :	46,260 in-lbs/foot of wall
	3,855 ft-lbs/foot of wall
DESIGN $M_n=0.9*M_n$	3,469 ft-lbs/foot of wall

\*\*\* ACTUAL BENDING MOMENT IN WALL

\*\*\* ASSUMPTIONS:

1. RIGID SUPPORT OF WALL TO FLOOR JOINT
2. SOIL ANGLE OF INTERNAL FRICTION=  
30 degrees  
0.52360 radians
3. SOIL UNIT WEIGHT,  $g$ =  
120 lbs/ft<sup>3</sup>
4. CONCRETE UNIT WEIGHT=  
150 lbs/ft<sup>3</sup>
5. IGNORE THE SUPPORT OF THE PIERS

\*\*\* ACTIVE LATERAL PRESSURE ON WALL

$P_a=g*H^2/2*((1-\sin A)/(1+\sin A))$	180.00 lbs/ft of wall
MOMENT ARM, $H/3$ :	12.00 in from bottom of wall
ACTIVE BENDING MOMENT, $M_b=P_a*H/3$ :	2160.00 in-lbs/foot of wall
	180.00 ft-lbs/foot of wall

\*\*\* PASSIVE LATERAL PRESSURE ON WALL

$P_p=g*H^2*((1+\sin A)/(1-\sin A))$	540.00 lbs/ft of wall
PASSIVE BENDING MOMENT, $M_p=P_p*H/3$	6480.00 in-lbs/foot of wall
	540.00 ft-lbs/foot of wall

PASSIVE PLUS ACTIVE BENDING MOMENT:

720.00 ft-lbs/foot of wall
20.75% Design Moment

THESE ATTACHMENTS ARE PART  
OF THE APPROVED PLANS.

\* DO NOT REMOVE THEM \*

MAR 05 2013

PERMIT AND RESOURCE  
MANAGEMENT DEPARTMENT  
BUILDING PLAN CHECK

PERMIT #

# THREE (3) FOOT DEEP SCALE PIT STRESS ANALYSIS

## DWG NO. D98094-7980 Rev. X - BMS/BMC 2410

page 2

\*\*\*\*\* THE SIDE WALLS AND FLOOR WILL BE ANALIZED AS INVERTED BEAMS \*\*\*\*\*

### \*\*\* ASSUMPTIONS:

1. VERTICAL LOADING EQUAL TO DEAD LOAD PLUS LIVE LOAD OF SCALE DISTRIBUTED OVER 24" WIDTH OF FLOOR AS FOOTING FOR EACH WALL.
2. SUPPORT FOR ANALYSIS ON PIT WALL AT PIER LOCATION.  
ASSUMES THAT PIER AND WALL AS UNIT.
3. USING BEAM ANALYSIS.
4. REINFORCED CONCRETE WEIGHT = 150#/FT<sup>3</sup>.
5. WALL AND FLOOR JOINT RIGID CONNECTION.
6. IGNORE COMPRESSION REBAR.
7. ASSUME PIT COPING ACTS AS REINFORCING AT MIDSPAN BETWEEN PIERS.
8. IGNORE END WALL IN CALCULATIONS.

SPAN BETWEEN SUPPORTS, l:	22.9375 ft	275.25 in
*** DEAD LOAD:		
SCALE PLATFORM:	4 cu.yds.	16,200 lbs
STEEL:	6,680 #	6,680 lbs
TOTAL WEIGHT:		22,880 lbs
*** LIVE LOAD:		
CLC:	90,000 lbs	
TOTAL GROSS CAPACITY:	90,000 lbs	
DISTRIBUTED LOAD/FOOT OF BEAM, w:	3,175 lb/ft	264.6 lb/in
STEEL STRENGTH, f <sub>y</sub> :	50,000 psi	
CONCRETE STRENGTH, f' <sub>c</sub> :	3,500 psi	
REBAR SIZE, DIA:	0.5 in	
REBAR AREA, EACH, IN <sup>2</sup> :	0.19635	
OVERALL REBAR SPACING IN FLOOR, IN:	18 in	
REBAR AREA/FOOT OF FLOOR, OVERALL, IN <sup>2</sup> :	0.13090 in <sup>2</sup> /foot of floor	
CENTERLINE OF REBAR TO FLOOR EDGE, d:	4.00 in	
*** SECTION @ MIDSPAN OF WALL		
STEEL AREA W/COPING, A <sub>s</sub> :	1.636 in <sup>2</sup>	
CL OF REINFORCING TO BOTTOM OF FLOOR, d:	42 in	
p=A <sub>s</sub> /bd:	0.004870	
Balanced pb=α * .003*f' <sub>c</sub> /(f <sub>y</sub> /E <sub>s</sub> + .003)*f <sub>y</sub>	0.03201	
p<pb		
Ultimate moment, M' <sub>u</sub> =A <sub>s</sub> *f <sub>y</sub> *d*(1-.59*f <sub>y</sub> /f' <sub>c</sub> *p)	3,295,280 in-lbs	
ACTUAL MOMENT=.125*wl <sup>2</sup>	2,505,777 in-lbs	76.04% Ultimate

# THREE (3) FOOT DEEP SCALE PIT STRESS ANALYSIS DWG NO. D98094-7980 Rev. X - BMS/BMC 2410

page 3

\*\*\*\*\* SHEAR STRESSES OF COLUMN ON FLOOR SLAB \*\*\*\*\*

\*\*\* ASSUMPTIONS:

1. ALL VERTICAL FORCES ON COLUMN CARRIED TO FLOOR, NONE TO WALL
2. MAXIMUM END PIER LOAD IS 55,000 LBS.
3. IGNORE REBAR SHEAR CAPACITY.

\*\*\* END PIER:

LENGTH, L:	1.51 ft	18.12 in
WIDTH, W:	1.833 ft	22 in
FLOOR THICKNESS, t:	0.667 ft	8 in
SHEAR LENGTH, $bo=2*(L+t+W+t)$ :	9.353 ft	112.24 in
SHEAR STRENGTH, $V_c=4*bo*d*f_c^{0.5}$ :	212 kips	212,487 lbs
		25.88% Ultimate

\*\*\*\*\* SOIL LOADING DUE TO LIVE LOAD AND DEAD LOAD \*\*\*\*\*

TOTAL GROSS LOAD, LBS:	112,880 lbs	
PIT CONCRETE WEIGHT (15.9 CU YDS), LBS:	60,750 lbs	
BEARING LENGTH = FLOOR LENGTH:	27 ft	324 in
TOTAL BEARING WIDTH, TWO WALLS:	4 ft	48 in
TOTAL BEARING AREA WITHOUT END WALLS:	108.0 ft <sup>2</sup>	15,552 in <sup>2</sup>
MAXIMUM SOIL BEARING PRESSURE, psf:	1,608 psf	

10/03/2012

Val C. Omvig, Mechanical Engineer

**CONFIDENTIAL INFORMATION**



# Statement of Special Inspections

CNI-033

Stephen Kistler  
Name of Owner

BLD12-4304  
Permit Number

14701 Bodega Highway  
Address

Truck Scale  
Job Description

This Statement 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 Section 1704
  - Special inspection for seismic resistance, per Sections 1707 and 1708
  - Structural observations, per Section 1710
  - Material testing and/or load testing, per Sections 1711 through 1716
- List of the special inspectors, 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 1709

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 Sections 1704.1.2 and 1710.

At the conclusion of work included in the permit, a report of special inspections and structural observations shall be submitted to the building official. 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 required inspections
- Review submitted inspection reports
- Perform inspections as required by the locally adopted building codes

Prepared by:

Steven M. Martin, P.E.  
Registered Design Professional in Responsible Charge

[Signature]  
Signature

Owner's Authorization:

STEPHEN KISTLER  
Owner

Stephen Kistler 3-4-13  
Signature Date

CE 49390  
License Number

3-4-13  
Date

THESE ATTACHMENTS ARE PART  
OF THE APPROVED PLANS.

\* DO NOT REMOVE THEM \*

Building official  
Signature [Signature] Date MAR 05 2013

PERMIT AND RESOURCE  
MANAGEMENT DEPARTMENT  
BUILDING PLAN CHECK  
PERMIT # \_\_\_\_\_

### 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)	PJC Associates, Inc.	P.O. Box 469 Sonoma, CA ajdpjc@sonic.net 707-935-3747
2. Material Testing	Same As Above	Same
3. Geotechnical Inspections	Same As Above	Same
4. Structural Observations	Steve Martin Assoc., Inc.	130 S. Main St. #201 Sebastopol, CA 95472 Steve@smassociates.net 707-824-9730

### Seismic Requirements (Section 1705.3.6):

Identify the designated seismic systems and seismic-force-resisting systems subject to special inspections, per CBC Sections 1705.3 through 1705.3.5. Identify additional special inspection and testing required, per CBC Sections 1707 and 1708.

N/A

### 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.

3500 psi concrete.  
No special inspections required. Structural observation for footing bottom, reinforcing and forming. Material testing for concrete strength.

## Schedule of Special Inspections

Notations used in this table:

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 frequency of the special inspection or testing required. Additional notes may be included in this box denoting frequency of inspections or the special inspection agency responsible for the particular inspection item.

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

Verification and Inspection	C	P	X if Req'd	Notes/ Referenced Standards
<b>1704.2 Inspection of fabricators:</b>				
1. Fabrication and implementation procedures	--	--		
2. Fabricator approval	--	--		
<b>1704.3 Steel construction:</b>				
Material verification of high strength bolts, nuts, and washers:				
1. Identification markings conform to ASTM standards specified in the approved construction documents		X		AISC 360: A3.3
2. Manufacturer's certificate of compliance required	--	--		
Inspection of high strength bolting:				
1. Snug-tight bolts		X		AISC 360: M2.5 CBC 1704.3.3
2. Pretensioned and slip-critical joints using turn-of-nut with matchmarking, twist-off bolt or direct tension indicator methods of installation		X		
3. Pretensioned and slip-critical joints using turn-of-nut without matchmarking or calibrated wrench methods of installation	X			
Material verification of structural steel and cold-formed steel deck:				
1. For structural steel, identification markings to conform to AISC 360		X		AISC 360: M5.5
2. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents		X		Applicable ASTM material standards
3. Manufacturer's certified test reports		X		
Material verification of weld filler materials:				
1. Identification markings to conform to AWS specification in the approved construction documents		X		AISC 360: A3.5 Applicable AWS A5 documents
2. Manufacturer's certificate of compliance required		X		
Inspection of welding:				
1. Structural steel and cold-formed steel deck:				
a) Complete and partial joint penetration groove welds	X			AWS D1.1 CBC 1704.3.1
b) Multipass fillet welds	X			
c) Single-pass fillet welds >5/16"	X			
d) Plug and slot welds	X			
e) Single-pass fillet welds ≤ 5/16"		X		AWS D1.3
f) Floor and roof deck welds		X		

2. Reinforcing steel				
a) Verification of weldability of reinforcing steel other than ASTM A706		X	X	AWS D1.4 ACI 318: 3.5.2
b) Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special structural walls of concrete and shear reinforcement	X			
c) Shear reinforcement	X		X	
d) Other reinforcing steel			X	
Inspection of steel frame joint details for compliance:				
1. Details such as bracing and stiffening		X		CBC 1704.3.2
2. Member locations		X		
3. Application of joint details at each connection		X		
<b>1704.4 Concrete construction:</b>				
Inspection of reinforcing steel, including prestressing tendons, and placement		X	X	ACI 318: 3.5, 7.1-7.7 CBC 1913.4
Inspection of reinforcing steel welding	--	--		AWS D1.4 ACI 318: 3.5.2
Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used	X		X	ACI 318: 8.1.3, 21.2.8 CBC 1911.5, 1912.1
Inspection of anchors installed in hardened concrete		X		ACI 318: 3.8.6, 8.1.3, 21.2.8 CBC 1912.1
Verify use of required design mix		X	X	ACI 318: Ch.4, 5.2-5.4 CBC 1904.2.2, 1913.2, 1913.3
At the 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		X	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8 CBC 1913.10
Inspection of concrete and shotcrete placement for proper application techniques	X			ACI 318: 5.9, 5.10 CBC 1913.6-1913.8
Inspection of prestressed concrete:				
1. Application of prestressing forces	X			ACI 318: 18.20
2. Grouting of bonded prestressing tendons in the seismic-force-resisting system	X			ACI 318: 18.18.4
Erection of precast concrete members		X		ACI 318: Ch. 16
Verification of in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs		X		ACI 318: 6.2
Inspect formwork for shape, location and dimensions of the concrete member being formed		X	X	ACI 318: 6.1.1
<b>1704.5 Masonry construction:</b>				
Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified		X		TMS 602/ACI 530.1/ASCE 6: Art.1.5
Verification of $f_m$ and $f_{AAC}$ prior to construction except where specifically exempted by this code		X		TMS 602/ACI 530.1/ASCE 6: Art.1.4B

Verification of slump flow and VSI as delivered to the site for self-consolidating grout	X			TMS 602/ACI 530.1/ASCE 6: Art.1.5B.1.b.3
As masonry construction begins, the following shall be verified to ensure compliance:				
1. Proportions of site-prepared mortar		X		TMS 602/ACI 530.1/ASCE 6: Art.2.6A
2. Construction of mortar joints		X		TMS 602/ACI 530.1/ASCE 6: Art.3.3B
3. Location of reinforcement, connectors, prestressing tendons and anchorages		X		TMS 602/ACI 530.1/ASCE 6: Art.3.4, 3.6A
4. Prestressing technique		X		TMS 602/ACI 530.1/ASCE 6: Art.3.6B
5. Grade and size of prestressing tendons and anchorages		X		TMS 602/ACI 530.1/ASCE 6: Art.2.4B, 2.4H
During construction the inspection program shall verify:				
1. Size and location of structural elements		X		TMS 602/ACI 530.1/ASCE 6: Art.3.3F
2. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction		X		TMS 402/ACI 530.1/ASCE 5: Sec. 1.2.2(e), 1.16.1
3. Specified size, grade and type of reinforcement, anchor bolts, prestressing tendons and anchorages		X		TMS 402/ACI 530.1/ASCE 5: Sec. 1.15 TMS 602/ACI 530.1/ASCE 6: Art.2.4, 3.4
4. Welding of reinforcing bars	X			TMS 402/ACI 530.1/ASCE 5: Sec. 2.1.9.7.2, 3.3.3.4(b)
5. Preparation, construction and protection of masonry during cold weather (temp. below 40°F) or hot weather (temp. above 90°F)		X		CBC 2104.3, 2104.4 TMS 602/ACI 530.1/ASCE 6: Art.1.8C, 1.8D
6. Application and measurement of prestressing force	X			TMS 602/ACI 530.1/ASCE 6: Art.3.6B
Preparation of any required grout specimens and/or prisms shall be observed	X			CBC 2105.2.2, 2105.3 TMS 602/ACI 530.1/ASCE 6: Art.1.4
<b>1704.7 Verification and inspection of soils:</b>				
Verify materials below shallow foundations are adequate to achieve the design bearing capacity		X	X	
Verify excavations are extended to proper depth and have reached proper material		X	X	
Perform classification and testing of compacted fill materials		X		
Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill	X			
Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly		X		
<b>1704.8 Verification and inspection of driven deep foundation elements:</b>				
Verify element materials, sizes and lengths comply with the requirements	X			
Determine capacities of test elements and conduct additional load tests, as required	X			
Observe driving operations and maintain complete and accurate records for each element	X			
Verify placement locations and plumbness, 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 document any damage to foundation element	X			
For steel elements, perform additional inspections in accordance with Section 1704.3	--	--		

For concrete elements and concrete-filled elements, perform additional inspections in accordance with Section 1704.4	--	--		
For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge	--	--		
<b>1704.9 Verification and inspection of cast-in-place deep foundation elements:</b>				
Observe drilling operations and maintain complete and accurate records for each element	X			
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			
For concrete elements, perform additional inspections in accordance with Section 1704.4	--	--		
<b>1704.10 Helical pile foundations</b>				
Record installation equipment used, pile dimensions, tip elevations, final depth, final installation torque, and other pertinent data as required.	X			
<b>1704.11 Vertical masonry foundation elements:</b>				
Inspections shall be performed in accordance with Section 1704.5 for vertical masonry foundation elements	--	--		
<b>1704.12 Sprayed fire-resistant materials:</b>				
Special inspections shall include the following tests and observations to demonstrate compliance with the listing and fire resistance rating:				
1. Condition of substrate	--	--		
2. Thickness of application	--	--		CBC 1704.12.4.1-1704.12.4.3 ASTM E 605
3. Density in pounds per cubic foot	--	--		ASTM E 605
4. Bond strength adhesion/cohesion	--	--		CBC 1704.12.6.1-1704.12.6.3 ASTM E 736
5. Condition of finished application	--	--		
<b>1704.13 Mastic and intumescent fire-resistant coatings:</b>				
Special inspection for mastic and intumescent fire resistive coatings applied to structural elements and decks	--	--		AWCI 12-B
<b>1704.14 Exterior insulation and finish systems (EIFS):</b>				
Special inspection of the water-resistive barrier coating when installed over a sheathing substrate	--	--		ASTM E 2570
<b>1704.15 Special cases:</b>				
Construction materials and systems that are alternatives to materials and systems prescribed by the applicable code	--	--		
Unusual design applications of materials described in the applicable code	--	--		
Materials and systems required to be installed in accordance with additional manufacturer's instructions that prescribe requirements not contained in the applicable code or referenced standards	--	--		List code reports (attached to construction documents) for each applicable material/system
<b>1704.16 Smoke control:</b>				
During erection of ductwork and prior to concealment for the purpose of leakage testing and recording of device location	--	--		
Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements and detection and control verification	--	--		

<b>1707 Special inspections for seismic resistance</b>				
<b>1707.2 Structural steel:</b>				
Structural steel in structures not specifically detailed for seismic resistance, with a response modification coefficient, R, or 3 or less, excluding cantilever column systems	--	--		AISC 341
For ordinary moment frames, ultrasonic and magnetic particle testing of complete joint penetration groove welds are only required for demand critical welds	--	--		AISC 341
<b>1707.3 Structural wood:</b>				
Field gluing operations of elements of the seismic-force-resisting system	X			
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.		X		
<b>1707.4 Cold-formed steel light-frame construction:</b>				
Welding operations of elements of the seismic-force-resisting system		X		
Screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system where the sheathing is wood structural panels or steel sheets with fastener spacing is 4 inches or less on center		X		
<b>1707.5 Storage racks and access floors:</b>				
Required during the anchorage of access floors and storage racks 8 feet or greater in height		X		
<b>1707.6 Architectural components:</b>				
Erection and fastening of exterior cladding (more than 5 psf), interior (more than 15 psf) and exterior nonbearing walls, and interior and exterior veneer (more than 30 feet in height and more than 5 psf)		X		
<b>1707.7 Mechanical and electrical components:</b>				
Anchorage of electrical equipment for emergency or standby power systems		X		
Installation of anchorage of other electrical equipment		X		
Installation of piping systems intended to carry flammable, combustible, or highly toxic contents and their associated mechanical units		X		
Installation of HVAC ductwork that will contain hazardous materials		X		
Installation of vibration isolation systems where the construction documents require a nominal clearance of ¼ inch or less between the equipment support frame and restraint		X		
<b>1707.8 Designated seismic system verifications:</b>				
Examine designated seismic systems requiring qualification and verify that the label, anchorage or mounting conforms to the certificate of compliance	--	--		CBC 1708.4 ASCE 7: 13.2.2
<b>1707.9 Seismic isolation system:</b>				
Fabrication and installation of isolator units and energy dissipation devices that are part of the seismic isolation system		X		ASCE 7: 17.8
<b>1708 Structural testing for seismic resistance</b>				
<b>1708.2 Concrete reinforcement:</b>				
Mill test reports provided for each shipment of reinforcement used to resist earthquake-induced flexural and axial forces in special moment frames, special structural walls, and coupling beams connecting special structural walls.	--	--		ASTM A 615 CBC 1613 ACI 318: 21.1.5.2

Chemical tests performed to determine weldability of reinforcement complying with ASTM A615	--	--		ASTM A 615 ACI 318: 3.5.2
<b>1708.3 Structural steel:</b>				
Testing in accordance with the quality assurance plan requirements.	--	--		AISC 341
For ordinary moment frames, ultrasonic and magnetic particle testing of welds is only required for demand critical welds	--	--		
<b>1708.4 Seismic certification of nonstructural components:</b>				
Certification shall be based on an actual test on a shake table, by three-dimensional shock tests, by an analytical method using dynamic characteristics and forces, by the use of experience data, or by more rigorous analysis.	--	--		ASCE 7: 13.2.1 and 13.2.2
<b>1708.5 Seismically isolated structures</b>				
Required testing, per Section 17.8 of ASCE 7	--	--		ASCE 7: 17.8
<b>1710 Structural observations</b>				
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	--	--		
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	--	--		
<b>1711 Design strength of materials</b>				
Design strengths and permissible stresses of any structural material that are identified by a manufacturer's designation as to manufacture and grade by mill tests, or otherwise confirmed to the satisfaction of the building official, shall conform to the applicable specifications	--	--		
Materials that are not specifically provided for in the applicable code shall justify design strengths and permissible stresses to the satisfaction of the building official	--	--		
<b>1714 In-Situ load tests</b>				
An applicable load test procedure and acceptance criteria in the standard applies	--	--		CBC Chapter 35, 1714.3.2
Standard load test procedure is not specified, existing structure is subjected to a test procedure developed by a registered design professional	--	--		CBC 1604.3, 1714.3.2
<b>1715 Preconstruction load tests</b>				
An applicable load test procedure and acceptance criteria in the standard applies	--	--		CBC Chapter 35, 1715.3
Standard load test procedure is not specified, existing structure is subjected to a test procedure developed by a registered design professional	--	--		CBC Chapter 35, 1715.3.1, 1604.3
Wall and partition assemblies	--	--		
Exterior window and door assemblies	--	--		

## Contractor Responsibility

N/A

Per Section 1709, 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 awareness of the special requirements contained in the Statement of Special Inspections.

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

---

Main seismic-force resisting system or designated seismic system or seismic-force resisting component

---

Name

---

Signature

---

Company

---

License Number

---

Date

---

Main seismic-force resisting system or designated seismic system or seismic-force resisting component