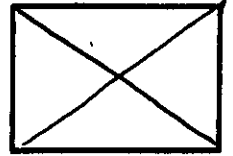


B

Type



Plans

BLD 14-2925

Permit Number

300

Street Number

VIA ARCHIMEDES

Street Name

GEY

Community Code

140-030-031

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: **KEN LAFRANCA** Date Applied: **6.26.14**

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: **300 VIA ARCHIMEDES** City: **GRASSVILLE** ZIP: **95441**
 Cross-Street: _____ APN: **140-020-0203** Project Name #: () Project Fax #: ()
 Directions: _____ Email address: **ken.lafranca@development.com** Unit #: _____ Lot #: _____
 Describe Project: **ADDITION TO (E) WINERY WAREHOUSE OFFICE** Living Area _____ Garage _____ Decks _____ Contract Price: _____

OWNER NAME AND ADDRESS

APPLICANT NAME AND ADDRESS

Name: **FRANCIS COPPA WINERY**
 Mailing Address: **300 VIA ARCHIMEDES**
 City: **GRASSVILLE** State: **CA** ZIP: **95441**
 Day Ph: (71) **857-1400** Fax: () -

Name: **KEN LAFRANCA ARCHITECT**
 Mailing Address: **100 E. 95. SU 204**
 City: **SANTA ROSA** State: **CA** ZIP: **95404**
 Day Ph: (71) **578-1449** Fax: () -

CONTRACTOR INFORMATION

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Company Name: **TBD**
 Address: _____
 City: _____ State: _____ ZIP: _____
 Day Ph: () _____ Fax: () _____

Name: **KEN LAFRANCA (ABOVE)**
 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: _____

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, Clv. C.)
 Lenders Name _____
 Lenders Address _____

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: **6.26.14** Signature of Property Owner or Authorized Agent: **[Signature]**

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
 Lic. Class _____ Lic. No. _____
 Exp. Date _____ Contractor _____

ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that does does not contain asbestos, or that no demolition is authorized by this permit.
 I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.

PERMITTEE SIGNATURE: **[Signature]**
 ADDRESS: **100 E. 95. SU 204 SANTA ROSA** CITY: **SANTA ROSA** ZIP: **95404**
 Contractor Owner Other Licensed Professional

FOR DEPARTMENT USE
 Zoning: **R2S KILIA BLDG** (File No. **PCP07-0011**) Acres: **20.24**
 Existing Use/Structures: **winery**
 Proposed Use/Structures: **addn to winery**
 Zoning Min. Yard Requirements: Front **15** Left **5** Right **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: _____ Approval for Occupancy: _____
 By: **[Signature]** Date: **12/15/14**
 Conditions: _____
 Sewer Connection: Available Fees Paid
 Approved by: _____ Date: _____
 Road Encroachment: Fees Paid
 Approved by: _____ Date: _____
 Septic System Permit/Clearance #: **SEP08-0336**
 Approved by: **[Signature]** Date: **9/29/14**
 Flood Zone: Yes No 100 Year Flood Elevation: _____
 Site Review
 Drainage Review: **[Signature]** Date: **GRD14-0080 12/20/14**
 Fire: **[Signature]** Date: **12/2/14**
 Code Enforcement Violation Yes No Violation # _____
 This permit is limited to _____ days.

Work Authorized: **EXPANSION TO WINERY TO BLD OFFICES/STORAGE/SHOP**

Plans Approved **[Signature]** Post FIRM Alquist Priolo Report Available
 No Plans Subject to Field Inspection Pre FIRM Geotechnical report Available
 Plancheck Cleared By: **[Signature]** Date: **12/12/14** Type of Construction: **11-B** Occurrence: **2** No. of Stories: **2** No. of Bedrooms: **0**
 Auto. Fire Sprinklers Req'd: **YES** No. of Units: _____ Certificate of Occupancy: _____
PAYMENT REC'D
 Machine Space for Permit Fee: _____
DEC 23 2014
 PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
 COUNTY OF SONOMA

JOB ADDRESS: **300 VIA ARCHIMEDES**
 PERMIT NUMBER: **BUD14-0080**
 INSPECTION AREA: **[Signature]**

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				
103) FOUNDATION				PLYWOOD-NAILING MUST BE INSPECTED BEFORE COVERING; NAILS DRIVEN STRAIGHT WITH HEADS FLUSH; AVOID FRACTURING OUTER PLY; 3/8 INCH MINIMUM PANEL EDGE DISTANCE.
FORMS/SETBACK				
FOOTING	2-5-15 MW			
WALLS	3-16-15 MW			
106) UFER GROUND #				
104) CAISSONS/PIERS				
105) SLAB	(6-5-15 MW)			(103) Par. Footing Line 2 between C+G OK 2-24-15 MW
107) UNDERGROUND UTILITIES	2-4-15 MW			
110) MASONRY Par.	(3-24-15 MW)			(110) Par. See Hilited area on Plans 3-16-15 MW
109) RETAINING WALLS				(110) Report onsite 3-24-15 MW
113) FIREPLACE				(103) See Job copy 3-26-15 MW
FOOTING				(105) Par. Warehouse Slab 7-3-15 MW
HEARTH/PROTECTION				(103) Ramps footings 8-3-15 MW
THROAT				Par. (113) First + Second Layer 7-29-15 MW
114) CHIMNEY				" " " " 5-4-15 MW
120) UNDERFLOOR/UNDERSLAB				" " " " 5-8-15 MW
115) HYDRONICS				(103, 166) Walls + Footing for ramps 8-6-15 MW
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 Par.				132 - 3rd Floor only 7-1-15 MW
122) ROUGH ELECTRICAL Par.				(124) 2nd + 3rd ok on test 7-9-15 MW
123) ROUGH MECHANICAL Par.	8-3-15 MW			(142) 2nd Floor OK 7-9-15 MW
124) ROUGH PLUMBING Par.				(132) 2nd Floor OK 7-15-15 MW
128) ROUGH FRAME				(128, 140) Elev. shaft + Equip. Rm 1st Floor ok sheetrock + Tape 6-23-15 MW
160) SMOKE DETECTORS				(142) 2nd Floor 7-22-15 MW
139) INSULATION				132 Shop/Storage area 1st Floor 7-22-15 MW
142) WALLBOARD	8-3-15 MW			
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 checked="" type="checkbox"/> ROUGH ELEC.		<input checked="" type="checkbox"/> ROUGH MECH	8-18-15 MW	
165) EXITING - RAMPS/STAIRS				
163) HANDRAILS/GUARDRAILS			5-24-16 MW	
CORRIDORS/DOORS				
166) ACCESSIBILITY COMPLIANCE				650) SUSMP INSPECTION
144) WATER TANKS				651) NPDES EROSION COMPLIANCE
<input type="checkbox"/> SLAB		<input type="checkbox"/> WALLS		652) NPDES SEDIMENT COMPLIANCE
170) TEMPORARY OCCUPANCY				653) NPDES DOCS/SWPPP
171) TEMPORARY ELECTRICAL				FIRE INSPECTION REQUIRED
172) TEMPORARY GAS				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
174) ELECTRIC METER AUTHORIZATION				758) KNOX BOX
152) PANEL BOARDS/SERVICE	5-24-16 MW			760) PROPANE TANK HOLD DOWNS
189) SEPTIC ELECTRIC FINAL				770) SPRINKLER FINAL
175) GAS METER AUTHORIZATION				771) ABOVEGROUND HYDROSTATIC
153) GAS PRESSURE TEST				772) UNDERGROUND HYDROSTATIC
HOUSE 8-27-15 MW				773) UNDERGROUND FLUSH
190) MANUF. HOME FOUNDATION				774) THRUST BLOCKS
191) MANUF. HOME INSTALLATION				775) PIPE WELD
CONTINUITY				776) HYDRANTS/APPLIANCES
STAIRS/SKIRTS				777) PUMP ACCEPTANCE
RIDGE BOLTING				778) WATER SUPPLY/TANK
193) MANUF. HOME COND. FINAL				779) ALARM SYSTEM
SWIMMING POOLS				780) HOOD & DUCT SYSTEM
194) PRE-GUNITE				781) ABOVEGROUND TANK/DISPENSER
195) PRE-DECK				198) FIRE FINAL
196) PRE-PLASTER/FENCE				CLEARANCES:
197) VINYL/FIBERGLASS POOL EXCAVATION				FIRE <input type="checkbox"/> Local <input type="checkbox"/> County
102) GRADING FINAL				HEALTH DEPARTMENT
176) ELECTRICAL FINAL				ZONING
177) MECHANICAL FINAL				SANITATION
178) PLUMBING FINAL				
199) FINAL	5-24-16 MW			PLAN RETENTION REQUIRED?
OCCUPANCY (OK TO OCCUPY)				<input type="checkbox"/> Yes <input type="checkbox"/> No

PERMIT # BDD14-2925

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: 300 VIA ARCHIMEDES		City: GEORGETOWN		ZIP: 95441	
Cross-Street: INDEPENDENCE C/L		Project Phone #: 707-565-1400		Project Fax #: 707-565-1401	
Directions:		Subd. Name:	Unit #:	Lot #:	
OWNER INFORMATION			CONTRACTOR INFORMATION		
Name: FRANKIS COPPOLA WINERPU			Company Name: NIGHT CONTRACTORS INC.		
Mailing Address: 300 VIA ARCHIMEDES			Address: 7020 DUTTON AVE		
City: GEORGETOWN	State: CA	ZIP: 95441	City: SANTA ROSA	State: CA	ZIP: 95401
Day Ph: 707-565-1400	Fax: 707-565-1401		Day Ph: 707-526-1172	Fax: ()	
<p>OWNER-BUILDER DECLARATION</p> <p>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).):</p> <p><input checked="" type="checkbox"/> 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.).</p> <p><input checked="" type="checkbox"/> 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.).</p> <p><input type="checkbox"/> I am exempt under Sec. _____, B & P.C. for this reason _____</p> <p>Date: 9/23/15 Owner: <i>[Signature]</i></p>			<p>WORKER'S COMPENSATION DECLARATION</p> <p>I hereby affirm under penalty of perjury one of the following declarations:</p> <p><input type="checkbox"/> 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.</p> <p><input type="checkbox"/> 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: _____</p> <p>Carrier: _____ Policy No.: _____ (This section need not be completed if the permit is for one hundred dollars (\$100) or less.)</p> <p><input checked="" type="checkbox"/> 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.</p> <p>Exp. Date: _____ Applicant: _____</p> <p>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.</p>		
<p>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.</p> <p>PERMITTEE SIGNATURE: <i>[Signature]</i> ADDRESS: 300 VIA ARCHIMEDES GEORGETOWN 95441 CITY: _____ ZIP: _____</p> <p><input type="checkbox"/> Contractor <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Other (Licensed Professional, etc.)</p>			<p>LICENSED CONTRACTOR'S DECLARATION</p> <p>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.</p> <p>Lic. Class: _____ Lic. No.: _____</p> <p>Exp. Date: _____ Contractor: _____</p>		
<p>NATURE OF INSTALLATION</p> <p><input checked="" type="checkbox"/> Temporary Occupancy Note: For temporary occupancy only after structure has been inspected and approved.</p> <p><input type="checkbox"/> Temporary Electric for Construction Note: For construction purposes only. Approval of temporary utilities will be revoked if building is occupied prior to final approval.</p> <p><input type="checkbox"/> Temporary Gas Meter Set Note: Gas meter must be complete with vent flue, completed duct work (grilles not required) and approved gas connection.</p> <p><input type="checkbox"/> Temporary Electric Meter Set Note: Rough electrical must be approved, ready for fixtures end finish; with all exposed wired protected against shock hazard or possible shorts before meter installation may be authorized.</p>			<p>Permit Number: BLD14-2925 TEM Area: _____</p> <p style="text-align: center;">APPROVALS - FOR DEPARTMENT USE</p> <p>Zoning: _____ File No.: _____ Acres: _____</p> <p>Approved by: _____ Date: _____</p> <p>Sewer Connection: <input type="checkbox"/> Available <input type="checkbox"/> Fees Paid</p> <p>Approved by: _____ Date: _____</p> <p>Septic System Permit/Clearance # _____</p> <p>Approved by: _____ Date: _____</p> <p>Fire: <i>[Signature]</i> Approved by: _____ Date: 9/23/15</p> <p>Code Enforcement Violation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Violation # _____</p> <p>This permit is limited to _____ days.</p>		

Temporary Permit Revised: 07/07/2004

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

Conditions: _____

WHEN VALIDATED THIS IS YOUR PERMIT THROUGH _____

Other: *[Signature]*
 Approved by: _____ Date: **9/23/15**

Permit Cleared for Issuance by: *[Signature]* Date: **9/23/15**

Special Inspection Item

Date 3-17-13

M T W T F S S

Partial Report Final Report

Job # 511102

Project Name CORNER WALLS EXPANSION Weather P.C., MILD

Project Street 300 VIA ARROYOS Contractor INRIANT

Project City PLEASANTON Subcontractor DEVINCENZI MERVINO MOSBY

Plan Author DLF Plan Date 11-17-14

Permit No. EDM-2425 Sheet Referenced 53, 52

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

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

OBSERVED REINFORCING STEEL IN CORNER BLOCK WALLS ON GRID 6, 7 REWER
FOUNDED REWERWORK ADJACENT TO GRID 6 AND ELEVATED PIT WALLS.

(1) SET OF SAMPLES CAST IN CORNER BLOCK WALLS WITH A.C.I. NORTHWATE MIX # E1652
10 YEARS. *grout*

PLACED CONCRETE TO C.P.D. WALLS GRID 2/C.9+E.5 LEAVING REWER
AND (2) CORNER SHEET PILE WALLS GRID 4/WALL # 3.
NORTHWATE MIX # E5534 *10 YEARS*

(1) SET OF CYLINDERS CAST IN ACCORDANCE WITH A.C.I. *CONCRETE*

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

Field Services Manager

Field Technician/Special Inspector

Signature _____

Signature *Kirk Ristar*

Full Name Printed _____

Full Name Printed KIRK RISTAR

PJC & Associates, Inc.

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

Special Inspection Item

Date 3-11-15

M T **(W)** T F S S

Partial Report Final Report

Job # 5111.02

Project Name CHURCH BUILDING EXPANSION

Weather C.C. WIND

Project Street 300 VIA ANTONIETTA

Contractor ARRIANT

Project City GREENSBORO

Subcontractor DEVINCENZI

Plan Author DIF

Plan Date 11-17-14

Permit No. B1014-2725

Sheet Referenced 55, 56 51

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

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

REPAIR 4 TIES @ 4" O.C. FOR HORIZONTAL AT INSIDE

IF VERTICAL PER DETAIL 6L/55 AT SHARED PERISTAL 2 x C.S.-4 AREA. OK TO VERIFY ON DAY OF CONCRETE POUR.

DESIGNED REINFORCING STEEL IN C.I.P. WALLS FOR BEARING DECKS GRID 2 BTWN C.S.-F.5 AND LEVEL PAD FOUNDATION BETWEEN WALLS BRIDS 4 AND C.S. FROM TO FROM DOUBLE UP. CONFORMS TO PLAN APPROVAL. SLAB CONCRETE IN PLACE.

DESIGNER COLUMN BASE COUS ARE NOT IN PLACE. OK TO VERIFY ON DAY OF POUR.

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

Field Services Manager

Field Technician/Special Inspector

Signature _____

Signature [Signature]

Full Name Printed _____

Full Name Printed KIM RISTER.

PJC & Associates, Inc.

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



PJC & Associates, Inc.

Consulting Engineers & Geologists

January 25, 2016

Job No. 5111.02

Francis Coppola Winery, LLC
Attention: Michael P. McCarthy
300 Via Archimedes
Geyserville, CA 95441

Subject: Final Report
Results of Special Inspections and Testing Services
and Foundation Excavation Observations
New Coppola Warehouse/Office Building Addition
300 Via Archimedes
Geyserville, California
Permit# BLD 14-2925

References: Report titled, "Geotechnical Investigation, Proposed Coppola Warehouse Expansion, 300 Via Archimedes, Geyserville, California," prepared by PJC & Associates, Inc., dated April 17, 2014.

Project Structural Plans, Sheets S1 through S7, prepared by DLF Engineers, dated June 20, 2014.

Dear Michael:

PJC & Associates, Inc. (PJC) is pleased to submit this final report presenting the results of our foundation excavation observations and special inspections and testing services for the new warehouse and office expansion located at 300 Via Archimedes in Geyserville, California. Our services were completed in accordance with our agreement and your authorization to proceed.

1. PROJECT DESCRIPTION

The project consisted of demolishing an existing production and maintenance shop and replacing it with a new warehouse and office structure, adjacent to an existing office building. The new building consists of a three-story, steel-frame structure with a slab-on-grade floor, constructed adjacent to the existing office building. Retaining walls were part of the construction scheme.

2. SCOPE OF SERVICES

PJC was on site between February 3, 2015 and June 8, 2015 to provide the following scope of services:

- a. Observation and approval of the foundation excavations for the new warehouse and office expansion.
- b. Observation of epoxy-grouted A615 transfer bars, connecting the new foundation and slabs to existing building foundation.
- c. Inspection of the material identification documentation for the anchor bolt/embed plate assemblies.
- d. Inspection of the reinforcing steel for the footings, loading dock retaining walls, loading dock ramp, CMU walls, elevator pit walls, lower shop retaining walls, below-grade pilasters, yard slab-on-grade and interior slabs-on-grade.
- e. Inspection and sampling during the placement of concrete to the new spread footings, loading dock retaining walls, loading dock ramp, elevator pit walls, lower shop retaining walls, below-grade pilasters, yard slab-on-grade and interior slabs-on-grade. The results of the compressive strength tests are attached.
- f. Inspection and sampling during the placement of grout to the CMU walls.
- g. Observation and approval of the placement of the loading dock and main shop retaining wall back drains.
- h. Inspection of the control joint and expansion joint layout plan, prior to the placement of concrete.
- i. Observation of the under-slab waterproofing.
- j. Inspection of the structural steel welded elements, completed in the shop and field.
- k. Preparation of this final report.

3. DISCUSSION

Based on the results of our geotechnical observations and special inspections and testing, we judge that the work requiring special inspection was, to the best of our knowledge, completed in conformance with the approved project plans and specifications, the approved project geotechnical investigation report, AWS D1.1 Structural Steel Welding Code and the applicable workmanship provisions of the 2013 edition of the California Building Code (CBC).

We trust that this is the information that you require at this time. If you have any questions concerning the content of this letter, please call.

Sincerely,

PJC & ASSOCIATES, INC.

Patrick J. Conway
Geotechnical Engineer
GE 2303, California

PJC/ tt





PJC & Associates, Inc.

Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Warehouse Footings Between Gridlines B.7-F.4
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B5534
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	2/25/15
DATE RECEIVED:	2/26/15
SLUMP, INCHES (ASTM C143):	5.0
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	1A	1B	1C	1D
DATE TESTED:	3/4/15	3/25/15	3/25/15	3/25/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	17,580	43,080	41,530	46,560
COMPRESSIVE STRENGTH, PSI:	1,400	3,430	3,310	3,710
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	--	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

REMARKS:

SPECIMENS NOT SCHEDULED FOR TESTING WITHIN 42 DAYS OF CAST DATE WILL BE DISCARDED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF PJC & ASSOCIATES.

PJC & ASSOCIATE, INC. WARRANTS ONLY THE HANDLING AND TEST RESULTS PRODUCED AFTER THE MATERIAL WAS TAKEN INTO OUR CUSTODY.

DATE OF REPORT:
1/26/16

Respectfully submitted,
PJC & ASSOCIATES, INC.

By 
Patrick J. Conway, P.E.
Civil Engineer
RCE 44507, CA



PJC & Associates, Inc.

Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Warehouse Footings
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B5534
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	3/6/15
DATE RECEIVED:	3/7/15
SLUMP, INCHES (ASTM C143):	5.0
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	2A	2B	2C	2D
DATE TESTED:	3/13/15	4/3/15	4/3/15	4/3/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	25,250	54,790	50,840	50,700
COMPRESSIVE STRENGTH, PSI:	2,010	4,360	4,050	4,040
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	--	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

REMARKS:

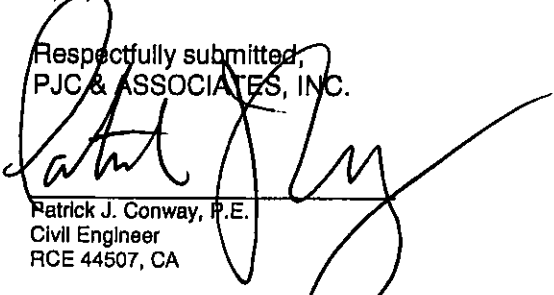
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By 
Patrick J. Conway, P.E.
Civil Engineer
RCE 44507, CA



PJC & Associates, Inc.

Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Warehouse Footings – Remainder
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B5534
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	3/6/15
DATE RECEIVED:	3/7/15
SLUMP, INCHES (ASTM C143):	4.5
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	3A	3B	3C	3D
DATE TESTED:	3/13/15	4/3/15	4/3/15	4/3/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	30,780	59,600	57,920	57,220
COMPRESSIVE STRENGTH, PSI:	2,450	4,750	4,610	4,560
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

REMARKS:

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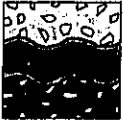
DATE OF REPORT:

1/28/16

Respectfully submitted,
PJC & ASSOCIATES, INC.

By

Patrick J. Conway, P.E.
Civil Engineer
RCE 44507, CA



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Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Grout
LOCATION IN STRUCTURE:	C.M.U. Walls, Gridline 6 – First Lift
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B6552
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	2,500
DATE CAST:	3/17/15
DATE RECEIVED:	3/18/15
SLUMP, INCHES (ASTM C143):	9.0
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	4A	4B	4C	4D
DATE TESTED:	3/24/15	4/14/15	4/14/15	4/14/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	31,000	53,680	51,880	52,770
COMPRESSIVE STRENGTH, PSI:	2,470	4,270	4,130	4,200
DESIGN STRENGTH/BENCHMARK, PSI:	1,680	2,500	2,500	2,500
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

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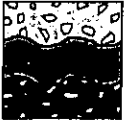
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COMPRESSION TEST REPORT

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JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Lower Shop Retaining Walls, Loading Dock Walls
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B5534
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	3/17/15
DATE RECEIVED:	3/18/15
SLUMP, INCHES (ASTM C143):	3.75
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	5A	5B	5C	5D
DATE TESTED:	3/26/15	4/14/15	4/14/15	4/14/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	29,130	52,750	51,650	53,830
COMPRESSIVE STRENGTH, PSI:	2,320	4,200	4,110	4,290
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

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By  Patrick J. Conway, P.E.
Civil Engineer
RCE 44507, CA



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Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Grout
LOCATION IN STRUCTURE:	C.M.U. Walls, Gridlines B & 2
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B6532
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	2,500
DATE CAST:	3/25/15
DATE RECEIVED:	3/28/15
SLUMP, INCHES (ASTM C143):	9.0
AIR CONTENT, % (ASTM C231):	-
WET UNIT WEIGHT, PCF (ASTM C138):	-

LABORATORY-SPECIMEN NO.	6A	6B	6C	6D
DATE TESTED:	4/1/15	4/22/15	4/22/15	4/22/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	30,150	54,190	53,600	54,360
COMPRESSIVE STRENGTH, PSI:	2,400	4,310	4,270	4,330
DESIGN STRENGTH/BENCHMARK, PSI:	1,680	2,500	2,500	2,500
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

REMARKS:

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Civil Engineer
RCE 44507, CA



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Consulting Engineers & Geologists

COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Loading Dock Leveler Base Slabs and Dock Footings
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B6525
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	3/25/15
DATE RECEIVED:	3/26/15
SLUMP, INCHES (ASTM C143):	4.5
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	7A	7B	7C	7D
DATE TESTED:	4/1/15	4/22/15	4/22/15	4/22/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	34,120	67,310	69,220	64,950
COMPRESSIVE STRENGTH, PSI:	2,720	5,360	5,510	5,170
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

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Civil Engineer
RCE 44507, CA



PJC & Associates, Inc.

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COMPRESSION TEST REPORT

REPORT TO:

JOB NO. 5111.02

Francis Coppola Winery, LLC
300 Via Archimedes
Geyserville, CA 95441

New Warehouse & Office Expansion
300 Via Archimedes
Geyserville, CA 95441

SPECIMEN:	Concrete
LOCATION IN STRUCTURE:	Below Grade Column Pilasters
CAST BY OUR INSPECTOR:	K.R.
MIX DESIGN#:	B5534
SUPPLIER:	Northgate Ready-Mix
DESIGN STRENGTH, PSI:	3,000
DATE CAST:	3/27/15
DATE RECEIVED:	3/28/15
SLUMP, INCHES (ASTM C143):	4.5
AIR CONTENT, % (ASTM C231):	--
WET UNIT WEIGHT, PCF (ASTM C138):	--

LABORATORY-SPECIMEN NO.	8A	8B	8C	8D
DATE TESTED:	4/3/15	4/24/15	4/24/15	4/24/15
AGE, DAYS:	7	28	28	28
CAP METHOD (ASTM C1231 or C617)	C1231	C1231	C1231	C1231
AVERAGE DIAMETER, IN:	4.00	4.00	4.00	4.00
AREA, SQ. IN (ASTM C39 6.2):	12.56	12.56	12.56	12.56
ULTIMATE LOAD, LBS:	29,140	51,170	51,850	51,320
COMPRESSIVE STRENGTH, PSI:	2,320	4,070	4,130	4,070
DESIGN STRENGTH/BENCHMARK, PSI:	2,020	3,000	3,000	3,000
PASSES/FAILS SPECIFICATIONS:	Pass	Pass	Pass	Pass

THE ABOVE SPECIMENS WERE TESTED IN ACCORDANCE WITH:

X ASTM C39, C94, C172, C143, C31

REMARKS:

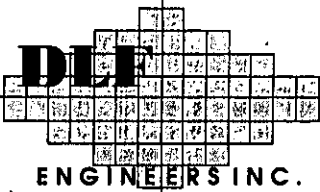
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By 
Patrick J. Conway, P.E.
Civil Engineer
RCE 44507, CA



ENGINEERING CALCULATION SHEET

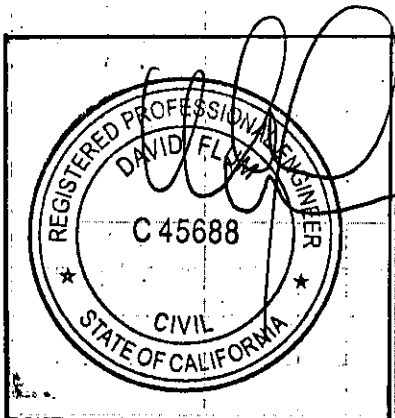
P.O Box 717, Windsor, CA 95492 • (707) 838-1505 • Fax # (707) 838-1970
E-mail: dlfbeng@dlfengineers.com

SHEET NO. COVER
JOB NO. 2982.5.2.15
DATE 6-16-15
BY RB CHK'D _____

CUSTOMER _____
LOCATION _____

COPPOLA EXTERIOR RAMP
FOUNDATION / RAMP
GEYSERVILLE, CA

<u>CONTENTS</u>	<u>SHEETS</u>
CALCULATIONS	1-6



STAMP CA

EXP 12-31-16
SHTS 1-6
6-23-15

THESE ATTACHMENTS ARE PART OF THE APPROVED PLANS.
* DO NOT REMOVE THEM *

JUL 24 2015

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
BUILDING PLAN CHECK

PERMIT # 14-2975

ALPHA FIRE SUPPRESSION SYSTEMS, INC.
2391 CIRCADIAN WAY
SANTA ROSA, CA 95407

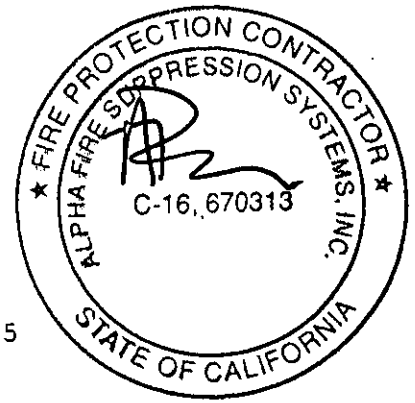
HYDRAULIC CALCULATIONS

FOR

FRANCIS FORD COPPOLA
300 VIA ARCHIMEDES, GEYSERVILLE, CA 95441-9325

FILE NUMBER:

DATE: FEB 4, 2015



-DESIGN DATA HYDRAULIC CALC 1-

OCCUPANCY CLASSIFICATION:	22FT STORAGE (COMMODITY CLASS I)
DENSITY:	.174 gpm/sq. ft.
AREA OF APPLICATION:	2000 sq. ft.
COVERAGE PER SPRINKLER:	122.58 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	19 sprinklers
TOTAL SPRINKLER WATER FLOW REQUIRED:	412.1 gpm
TOTAL WATER REQUIRED (including hose):	912.2 gpm
FLOW AND PRESSURE (@ 3BR):	412.1 gpm @ 25.5 psi
SPRINKLER ORIFICE SIZE:	1/2 inch
NAME OF CONTRACTOR:	FRANCIS FORD COPPOLA
DESIGN/LAYOUT BY:	EDH
AUTHORITY HAVING JURISDICTION:	SONOMA COUNTY
CONTRACTOR CERTIFICATION NUMBER:	670313

CALCULATIONS BY HASS COMPUTER PROGRAM (LICENSE # 27011210)
HRS SYSTEMS, INC.

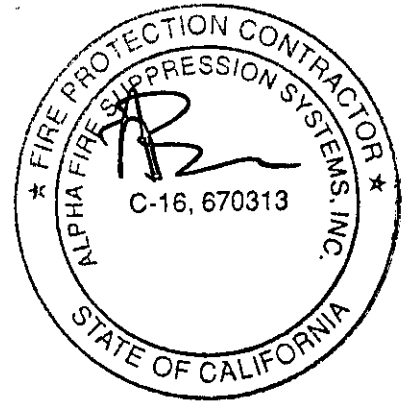
ALPHA FIRE SUPPRESSION SYSTEMS, INC.
2391 CIRCADIAN WAY
SANTA ROSA, CA 95407

HYDRAULIC CALCULATIONS

FOR

FRANCIS FORD COPPOLA
300 VIA ARCHIMEDES, GEYSERVILLE, CA 95441-9325

FILE NUMBER:
DATE: FEB 4, 2015



-DESIGN DATA HYDRAULIC CALC 4-

OCCUPANCY CLASSIFICATION:	ORDINARY GROUP II
DENSITY:	.20 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	118.64 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	14 sprinklers
TOTAL SPRINKLER WATER FLOW REQUIRED:	364.1 gpm
TOTAL WATER REQUIRED (including hose):	614.2 gpm
FLOW AND PRESSURE (@ 3BR):	364.1 gpm @ 44.7 psi
SPRINKLER ORIFICE SIZE:	1/2 inch
NAME OF CONTRACTOR:	FRANCIS FORD COPPOLA
DESIGN/LAYOUT BY:	EDH
AUTHORITY HAVING JURISDICTION:	SONOMA COUNTY
CONTRACTOR CERTIFICATION NUMBER:	670313

CALCULATIONS BY HASS COMPUTER PROGRAM (LICENSE # 27011210)
HRS SYSTEMS, INC.

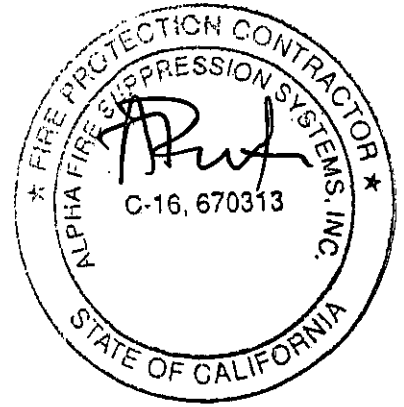
ALPHA FIRE SUPPRESSION SYSTEMS, INC.
2391 CIRCADIAN WAY
SANTA ROSA, CA 95407

HYDRAULIC CALCULATIONS

FOR

FRANCIS FORD COPPOLA
300 VIA ARCHIMEDES, GEYSERVILLE, CA 95441-9325

FILE NUMBER:
DATE: FEB 4, 2015



-DESIGN DATA HYDRAULIC CALC 3-

OCCUPANCY CLASSIFICATION:	ORDINARY GROUP II
DENSITY:	.20 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft. (MEZZANINE LVL)
COVERAGE PER SPRINKLER:	127.5 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	12 sprinklers
TOTAL SPRINKLER WATER FLOW REQUIRED:	311.2 gpm
TOTAL WATER REQUIRED (including hose):	561.2 gpm
FLOW AND PRESSURE (@ 3BR):	311.2 gpm @ 36.8 psi
SPRINKLER ORIFICE SIZE:	1/2 inch
NAME OF CONTRACTOR:	FRANCIS FORD COPPOLA
DESIGN/LAYOUT BY:	EDH
AUTHORITY HAVING JURISDICTION:	SONOMA COUNTY
CONTRACTOR CERTIFICATION NUMBER:	670313

CALCULATIONS BY HASS COMPUTER PROGRAM (LICENSE # 27011210)
HRS SYSTEMS, INC.

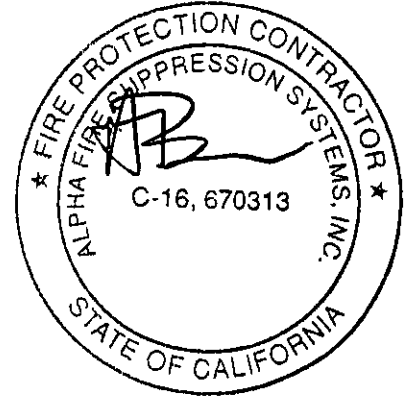
ALPHA FIRE SUPPRESSION SYSTEMS, INC.
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HYDRAULIC CALCULATIONS

FOR

FRANCIS FORD COPPOLA
300 VIA ARCHIMEDES, GEYSERVILLE, CA 95441-9325

FILE NUMBER:
DATE: FEB 4, 2015



-DESIGN DATA HYDRAULIC CALC 2-

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD (2ND FL.)
DENSITY:	.10 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	16x16 SPACING 256 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	6 sprinklers
TOTAL SPRINKLER WATER FLOW REQUIRED:	156.2 gpm
TOTAL WATER REQUIRED (including hose):	256.2 gpm
FLOW AND PRESSURE (@ BOR):	156.2 gpm @ 33.5 psi
SPRINKLER ORIFICE SIZE:	1/2 inch
NAME OF CONTRACTOR:	FRANCIS FORD COPPOLA
DESIGN/LAYOUT BY:	EDH
AUTHORITY HAVING JURISDICTION:	SONOMA COUNTY FIRE
CONTRACTOR CERTIFICATION NUMBER:	670313

CALCULATIONS BY HASS COMPUTER PROGRAM (LICENSE # 27011210)
HRS SYSTEMS, INC.