

B

Type



Plans

GRD09-0058

Permit Number

1733

Street Number

Skillman Ln

Street Name

PET

Community Code

048-091-003

APN

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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

Please Print
Your Name:

JOHN KC GOLTERMANN

Date

Applied: 4-17-09

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 1733 SKILLMAN LN.	City: PETALUMA	ZIP: 94952
Cross-Street: FAIR AVENUE	APN: 048-091-008	Project Phone #: 707 7531111
Directions: PETALUMA BLVD. N. TO SKILLMAN	Subd. Name:	Project Fax #: 707 7652145
Describe Project: SUBDIVISION REQUIRED ROADWAY.	Living Area:	Unit #:
	Garage:	Lot #:
	Decks:	Contract Price:

OWNER NAME AND ADDRESS

Name: JOHN KC GOLTERMANN
Mailing Address: 316 PETALUMA BLVD. SO.
City: PETALUMA State: CA ZIP: 94952
Day Ph: 707 775 2525 Fax: 707 765 2145

APPLICANT NAME AND ADDRESS

Name: Same as Engineer
Mailing Address:
City: State: ZIP:
Day Ph: () Fax: ()

CONTRACTOR INFORMATION

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

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: Lupe Chavarria
Address: 1210 Sunray Ct
City: Windsor State: CA ZIP: 95401
Day Ph: 31-5531 Fax: ()
License No: C-37970 Exp. Date: 3/31/11

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 Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)
- ☒ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. B & P.C. for this reason:

Date: 4-17-09 Owner:

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: 316 PETALUMA BLVD. SO. PETALUMA 94952

☐ Contractor ☒ Owner ☐ Other Licensed Professional

Final Date: 8/13/09 Inspector: SP Luis

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: AR B62	File No: MNS 07-0010	Acres: 6
Existing Use/Structures: STD AND OUTBUILDINGS	Proposed Use/Structures: ROAD GRADING	
Zoning Min. Yard Requirements: Front 60' Left 5' Right 5' Back 20'	NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated.	☐ Mitigation Required ☐ Address subject to change
Approval for Permit Issuance:	Approval for Occupancy:	
By: Date: 4/20/09	By: Date: 4/20/09	
Conditions:		

Sewer Connection: ☐ Available ☐ Fees Paid

Approved by: Date:

Road Encroachment: ☐ Fees Paid

Approved by: Date: 4/20/09

Septic System Permit/Clearance # N/R

Approved by: T. A. Nguyen Date: 4/20/09

Flood Zone: ☐ Yes ☐ No 100 Year Flood Elevation:

Site Review

Drainage Review: RAINWATER

Approved by: Date: 4/20/09

Fire: P.B. J.

Approved by: Date: 4/17/09

Code Enforcement Violation ☐ Yes ☐ No Violation #:

This permit is limited to days.

Work Authorized: GRADING PER APPROVED SUBDIVISION IMPROVEMENT PLANS DATED 4/14/09 BY SHAD LUPE CHAVARRIA RE. MNS 07-0010

☐ Plans Approved	☐ Post FIRM	☐ Aquist Priolo Report Available
☐ No Plans Subject to Field Inspection	☐ Pre FIRM	☐ Geotechnical report Available
Plancheck Cleared By: Date: 4/20/09	Type of Construction:	Occupancy:
Permit Cleared for Issuance By: Date: 4/20/09	Auto. Fire Sprinklers Req'd:	No. of Units:
		Certificate of Occupancy:

PAID Machine Space for Permit Fee \$ 0.00

APR 21 2009

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT COUNTY OF SONOMA

Distribution: White - File - Canopy - Applicant - Pink - Audit Copy - Blue - Assessor - Cardstock - Inspector

JOB ADDRESS: 1733 SKILLMAN LANE

PERMIT NUMBER: SR009-0058

INSPECTION AREA: 40

FINISHED

131) SPECIAL INSPECTION REQUIRED		☐ YES	☐ 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				
☐ INTERIOR ☐ EXTERIOR				
127) DIAPHRAGMS				
☐ ROOF ☐ 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				
☐ LATH ☐ SCRATCH				
137) ROOFING				
130) TUB/SHOWER PAN				
162) FIRE DAMPERS/DOORS				
164) SUSPENDED CEILING				
☐ ROUGH ELEC. ☐ ROUGH MECH.				
165) EXITING - RAMPS/STAIRS				
163) HANDRAILS/GUARDRAILS				
CORRIDORS/DOORS				
166) ACCESSIBILITY COMPLIANCE				
144) WATER TANKS				
☐ SLAB ☐ WALLS				
170) TEMPORARY OCCUPANCY				
171) TEMPORARY ELECTRICAL				
172) TEMPORARY GAS				
174) ELECTRIC METER AUTHORIZATION				
152) PANEL BOARDS/SERVICE				
189) SEPTIC ELECTRIC FINAL				
175) GAS METER AUTHORIZATION				
153) GAS PRESSURE TEST				
HOUSE YARD				
190) MANUF. HOME FOUNDATION				
191) MANUF. HOME INSTALLATION				
CONTINUITY				
STAIRS/SKIRTS				
RIDGE BOLTING				
193) MANUF. HOME COND. FINAL				
SWIMMING POOLS				
194) PRE-GUNITE				
195) PRE-DECK				
196) PRE-PLASTER/FENCE				
197) VINYL/FIBERGLASS POOL EXCAVATION				
102) GRADING FINAL	8/13/09	SPC		
176) ELECTRICAL FINAL				
177) MECHANICAL FINAL				
178) PLUMBING FINAL				
199) FINAL	8/13/09	SPC		
OCCUPANCY (OK TO OCCUPY)				
			650) SUSMP INSPECTION	
			651) NPDES EROSION COMPLIANCE	
			652) NPDES SEDIMENT COMPLIANCE	
			653) NPDES DOCS/SWPPP	
			FIRE INSPECTION REQUIRED	
			☐ Yes ☐ No	
			759) KNOX BOX	
			760) PROPANE TANK HOLD DOWNS	
			770) SPRINKLER FINAL	
			771) ABOVEGROUND HYDROSTATIC	
			772) UNDERGROUND HYDROSTATIC	
			773) UNDERGROUND FLUSH	
			774) THRUST BLOCKS	
			775) PIPE WELD	
			776) HYDRANTS/APPLIANCES	
			777) PUMP ACCEPTANCE	
			778) WATER SUPPLY/TANK	
			779) ALARM SYSTEM	
			780) HOOD & DUCT SYSTEM	
			781) ABOVEGROUND TANK/DISPENSER	
			198) FIRE FINAL	
			CLEARANCES:	
			FIRE ☐ Local ☐ County	
			HEALTH DEPARTMENT	
			ZONING	
			SANITATION	
			PLAN RETENTION REQUIRED?	
			☒ Yes ☐ No	

PERMIT #

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103

Print Name: JOHN KC GOLTERMANN

Date Applied: 4-17-09

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 1733 SKILLMAN LN.	City: PETALUMA	ZIP: 94952
Cross-Street: FAIR AVENUE	APN: 048-091-003	Project Phone #: 707 7531111
Directions: PETALUMA BLVD. N. TO SKILLMAN	Subd. Name:	Project Fax #: 707 7652145
Describe Project: SUBDIVISION REQUIRES ROADWAY.	Living Area:	Unit #:
	Garage:	Lot #:
	Decks:	Contract Price:

OWNER NAME AND ADDRESS		
Name: JOHN KC GOLTERMANN		
Mailing Address: 316 PETALUMA BLVD. SO.		
City: PETALUMA	State: CA	ZIP: 94952
Phone: 707 775 2525	Fax: 707 765 2145	

CONTRACTOR INFORMATION		
Company Name:		
Address:		
City:	State:	ZIP:
Phone:	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: _____
To: _____

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

Exp. Date: _____ Applicant: _____

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

OWNER-BUILDER DECLARATION
I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis of the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

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

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

I am exempt under Sec. _____, B & P.C. for this reason: _____

Date: 4-17-09 Owner: _____

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, 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: _____
316 PETALUMA BLVD. SO. PETALUMA 94952
ADDRESS CITY ZIP

I Contractor ☒ Owner ☐ Other Licensed Professional ☐

Not Date: _____ Inspector: _____

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

APPLICANT NAME AND ADDRESS		
Name: Same as Engineer		
Mailing Address:		
City:	State:	ZIP:
Day Ph: ()	Fax: ()	

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)		
Name: Lupe Chavarria		
Address: 1210 Sunray Ct		
City: Windsor	State: CA	ZIP: 95401
Day Ph: () 431-5531	Fax: ()	
License No: C-37970	Exp. Date: 3/31/11	

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: AR B62 VOL	File No: MNS07-0010 Acres: 6
Existing Use/Structures: STD AND OUTBUILDINGS	
Proposed Use/Structures: ROAD GRADING	
Zoning Min. Yard Requirements: Front 10' Left 5' Right 5' Back 5'	
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: _____	By: _____
Date: _____	Date: 4/20/09
Conditions: _____	

Sewer Connection: ☐ Available ☐ Fees Paid
Approved by: _____ Date: _____

Road Encroachment: ☐ Fees Paid
Approved by: CFC Date: 4/20/09

Septic System Permit/Clearance# N/A
Approved by: TA Nguyen Date: 4/20/09

Flood Zone: ☐ Yes ☐ No 100 Year Flood Elevation: _____
--

Site Review

Drainage Review
Approved by: J. ROYAL Date: 4/20/09

Fire: _____
Approved by: P.B. Date: 4/17/09

Code Enforcement Violation ☐ Yes ☐ No Violation # _____

This permit is limited to _____ days.

Work Authorized: GRADING PER APPROVED SUBDIVISION IMPROVEMENT PLANS DATED 4/14/09 BY LUPE CHAVARRIA
RE: MNS 07-0010

☐ Plans Approved ☐ No Plans Subject to Field Inspection	☐ Post FIRM ☐ Pre FIRM	☐ Attest Photo Report Available ☐ Geotechnical Report Available
Plancheck Cleared By: POC Date: 4/20/09	Type of Construction: _____	Occupancy: _____
Permit Cleared for Issuance By: JRM Date: 4/20/09	Auto Fire Sprinklers Req'd: _____	No. of Units: _____
	No. of Stories: _____	No. of Bedrooms: _____
		Certificate of Occupancy: _____

Machine Space for Permit Fee

aej

Not Date: _____ Inspector: _____

Distribution: White - File - Can - Applicant - Pink - Audit Copy - Blue - Assessor - Cardstock - Inspector

JOB ADDRESS: 1733 SKILLMAN LN.

PERMIT NUMBER: 57009-0058

INSPECTION AREA: 40



COUNTY OF SONOMA

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103

FIELD OPERATIONS CONSTRUCTION REPORT

Date 4/29/09
 Permit No. GRD09-0058
 Project Camps of Gottemann
 Contractor KC
 Address/Location 1733 Skillman Ln., Pet.

Inspector's Daily Notes

Went on-site, met w/ design engr, contractor, geotech. to discuss project. W/ design engr, geotech. to give progress reports by e-mail / fax @ basement, subgrade, AB2, P.C. stages. A.C. to be verified by Solo Lab. & cert by design engr. Proof roll basement, subgrade, AB2 & P.C. as needed. Need final soils report from geotech. Geotech. to give subgrade / AB2 elev, spec. & offset to C. Subgrade / AB2 = 95% RC & unyielding, A.C. = 95% RC. Need good traffic control when working in Skillman Ln. Told engr. need LHS included in A.C. mix design.

5/4 Went on-site. Engr. on-site. Site basically cleared & grubbed. OK to use heavy motor grader for proof rolling. Excess material to go along parallel to Skillman Ln. per landscape plan (not yet approved).

5/7 Went on-site. Talked w/ owner, engr, grading contractor to take care of subgrade while installing AB2, not to get subgrade unstable.

Stephen Mui Engr. Tech. III
 Signature Title



COUNTY OF SONOMA

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103

FIELD OPERATIONS CONSTRUCTION REPORT

Date 5/8/09
Permit No. LRD 09-0058
Project Lands of Gottermann
Contractor Gottermann
Address/Location 1733 Skillman Ln., Pet.

Inspector's Daily Notes

Went on-site. Engr., geotech., contractor on-site. Prof. rolling taking compaction tests, ck. grade $\approx$ Sta. 4+00 to cul-de-sac $\approx$ Sta. 6+85. Various areas of subgrade need to be stabilized.

5/11 Went on-site. Low area of road $\approx$ Sta. 4+60 - Sta. 2+00 OK w/ geotech to backfill. Subgrade proof rolling / compaction tests taken $\approx$ Sta. 4+00 to $\approx$ Sta. 5+50. (OK) ABZ started to cover. Cul-de-sac tested / proof rolled (OK) to start ABZ install. Need A.C. mix design to cert. by SoCo lab.

5/14 Went on-site. Trailer $\approx$ Sta. 4+50 being moved today. Road sec. got out @ this location. Subgrade being built up @ entrance (OK)

5/21 Went on-site. Contractor installing loose rock throughout road area.

6/19 Received A.C. mix design, OK w/ lab., design engr. cert. & cert. road layout. (OK) to pave.

Stephen Luri Engr. Tech. III.
Signature Title

**COUNTY OF SONOMA**
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT2550 Ventura Avenue, Santa Rosa, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103**FIELD OPERATIONS CONSTRUCTION REPORT**

Date 6/22/09
Permit No. GRD09-0058/ENC08-0393
Project Land of Götterman
Contractor Golobi
Address/Location 1733 Skillman Ln., Pet.

Inspector's Daily Notes

Went on-site in a.m. Contractor paving road through out site. Geotech to be on-site to take densities. 7/28 Left mess. for owner - need final geotech report prior to GRD final. Went on-site, in spec. site for GRD & ENC final. Need "Final Soils Report" to complete project, told owner.

Stephen L. L... Engr. Tech. III.
Signature Title

GSE
Guadalupe S. Chavarria, PE

March 10, 2009

Mr. John Rainwater
PRMD
1225 Ventura Ave
Santa Rosa Ca 95403-2829

Ref : Drainage review
Mns 07-0010, apn 048-091-003 KC Goltermann

Mr. Rainwater

Please find enclosed revised hydrology plans and calcs for the attached subdivision.
This letter addresses the anticipated road condition at the low side of lot 1.

Specifically, the expected flow rate of 4.81 cfs will be distributed over a wide area of approximately 40'. I anticipate that most of this flow will be subterranean and have added a 6-8" rock section to the road section to compensate for this flow.
The flow depth across the proposed road is anticipated at 0.13' feet deep. The existing flow depth is estimated at 0.12'. This flow rate is noted on the revised report and map.
The ground percolates at a rate of approximately 4 min per inch expect that the flow will continue after the rain has ceased.

Please call if you have any have any questions

Very Truly Yours,


Guadalupe S. Chavarria, PE CA 37970

Enclosures: 2 sets of improvement plans and parcel maps
Copy: KC Goltermann

Hydrology Calculations for

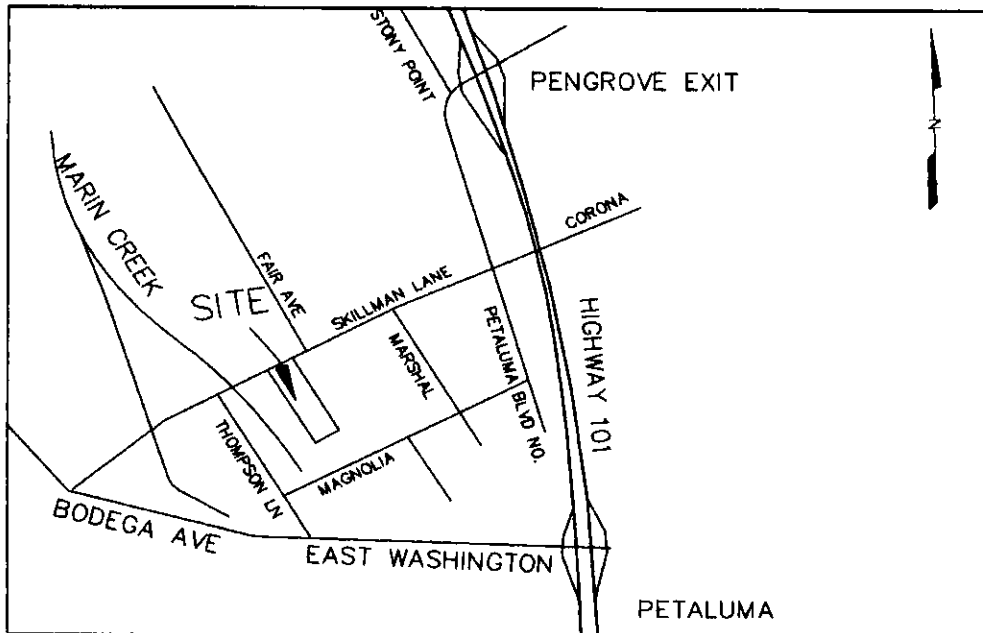
MS 07-0010

1663 SKILLMAN LANE

Petaluma CA

APN 048-091-003

DATE may 1 2008



Guadalupe S. Chavarria, PE
Land Development Civil Engineer
CA LIC. 37970

707-799-5432
P.O. Box 1782
Windsor CA 95492

fax 707-838-9161
gchavarria1@yahoo.com



Reference: Hydrology plan prepared by Guadalupe S. Chavarria, PE
Reference: Marin Creek hydraulic grade line and Fema maps
Agency: SONOMA COUNTY WATER AGENCY
METHOD: RATIONAL METHOD
PROJECT: 2 LOT SUBDIVISION
SYSTEMS: sheet flow

10 YEAR AND 100 YEAR

Existing conditions

This parcel is within the 25" rain contour. The method of drainage for this system is through sheet flow method

Lot 1 has approximately 0.12 ac of impermeable surface
and mostly sheet flows along a western boundary of about 130' wide
these flows then run along a new road (south) and deposit themselves into Marin creek

The existing eastern gravel driveway will not be paved. The driveway currently allows sheet flow from the east and does not impede the flows.

The southern area has two very large sheet flow paths that flow into Marin creek

According to the FEMA maps there is flooding from Marin Creek up to elevation 47.00
The proposed bldg and septic field will be clear of that elevation

Proposed

The proposed method of drainage is to continue the sheet flow method in the same historical direction that it is currently going.

lot 1

The new improvements have been calculated and show that there will be minimal impact due to the large areas. Sheet flow are calculated at 1.25/130'

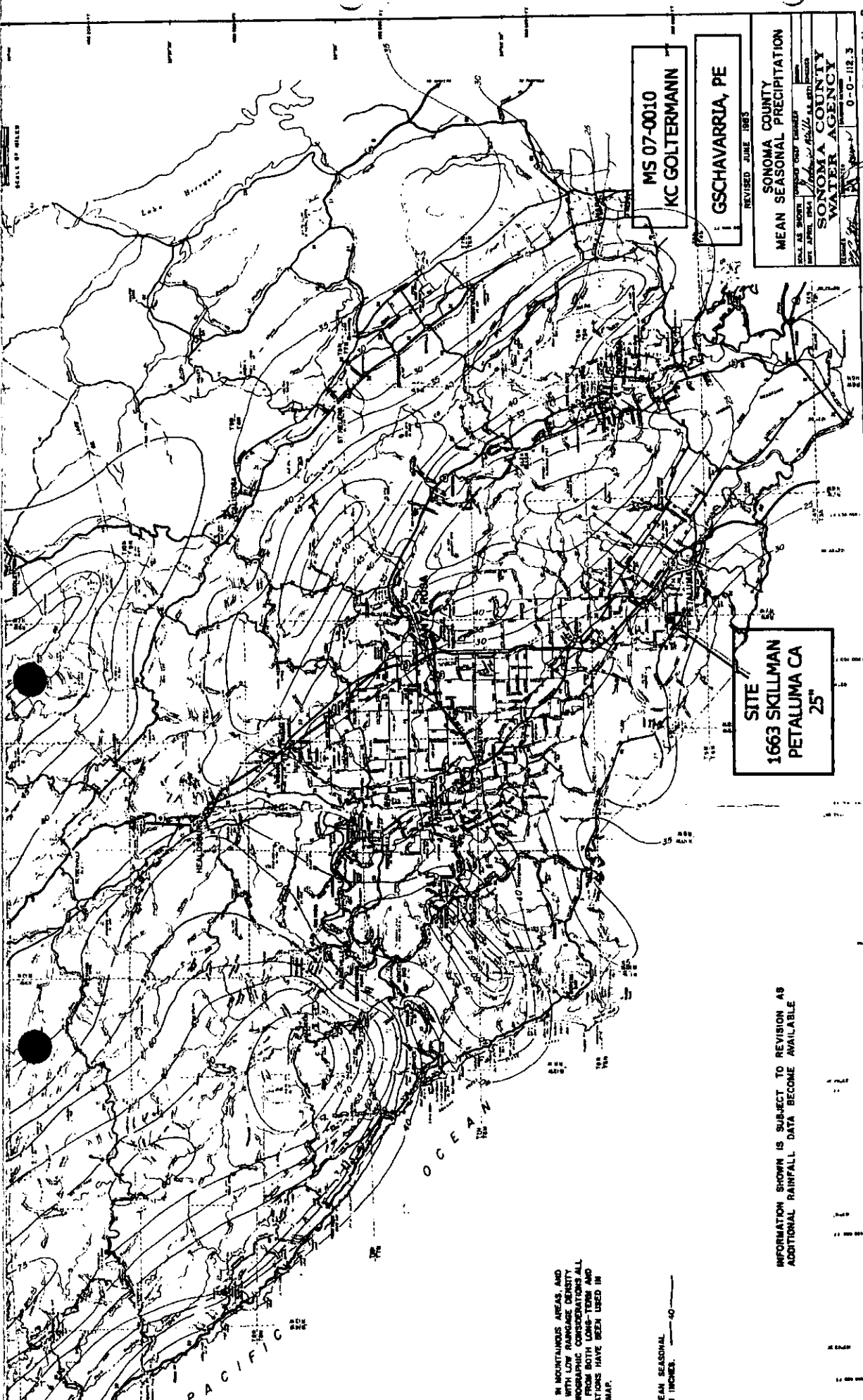
The new road along the western boundary will continue to flow west allowing for sheet flow.
The new road will have a 2% crossslope as shown on the plans.
the existing channel for this lot has been reviewed to be adequate by this firm
under the Ron Hererrias project. Copy of study attached.

lot 2

The new improvements have been calculated and show that there will be minimal impact due to the large areas. Sheet flow are calculated at 1.54/77' OR LESS THAN 0.05 IN DEPTH

Part of this water also goes into the same drainage course as lot 1

1



SCALE OF MILES

MS 07-0010
KC GOLTERMANN

GSCHAVARRIA, PE

SITE
1663 SKILLMAN
PETALUMA CA
25"

REVISED JUNE 1983
SONOMA COUNTY
MEAN SEASONAL PRECIPITATION
WATER AGENCY
0-0-112.3

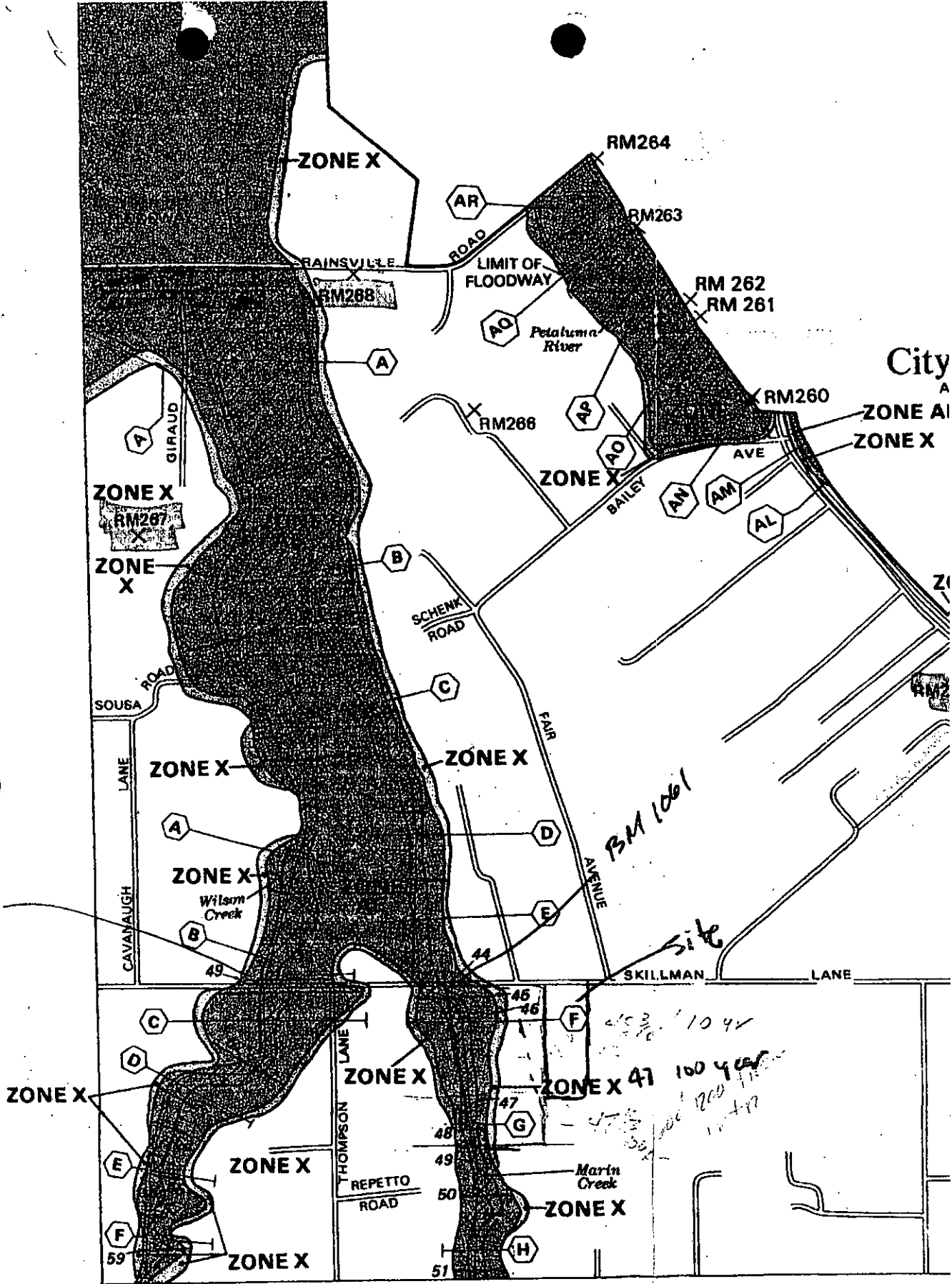
INFORMATION SHOWN IS SUBJECT TO REVISION AS
ADDITIONAL RAINFALL DATA BECOME AVAILABLE

IN MOUNTAINOUS AREAS AND
VALLEYS, PRECIPITATION
VARIATIONS ARE COMMON. ALL
DATA FROM BOTH LONG-TERM AND
SHORT-TERM RECORDS HAVE BEEN USED IN
THIS MAP.

MEAN SEASONAL
IN INCHES. 40

Appendix

B.M. 1063



B.M. 1061

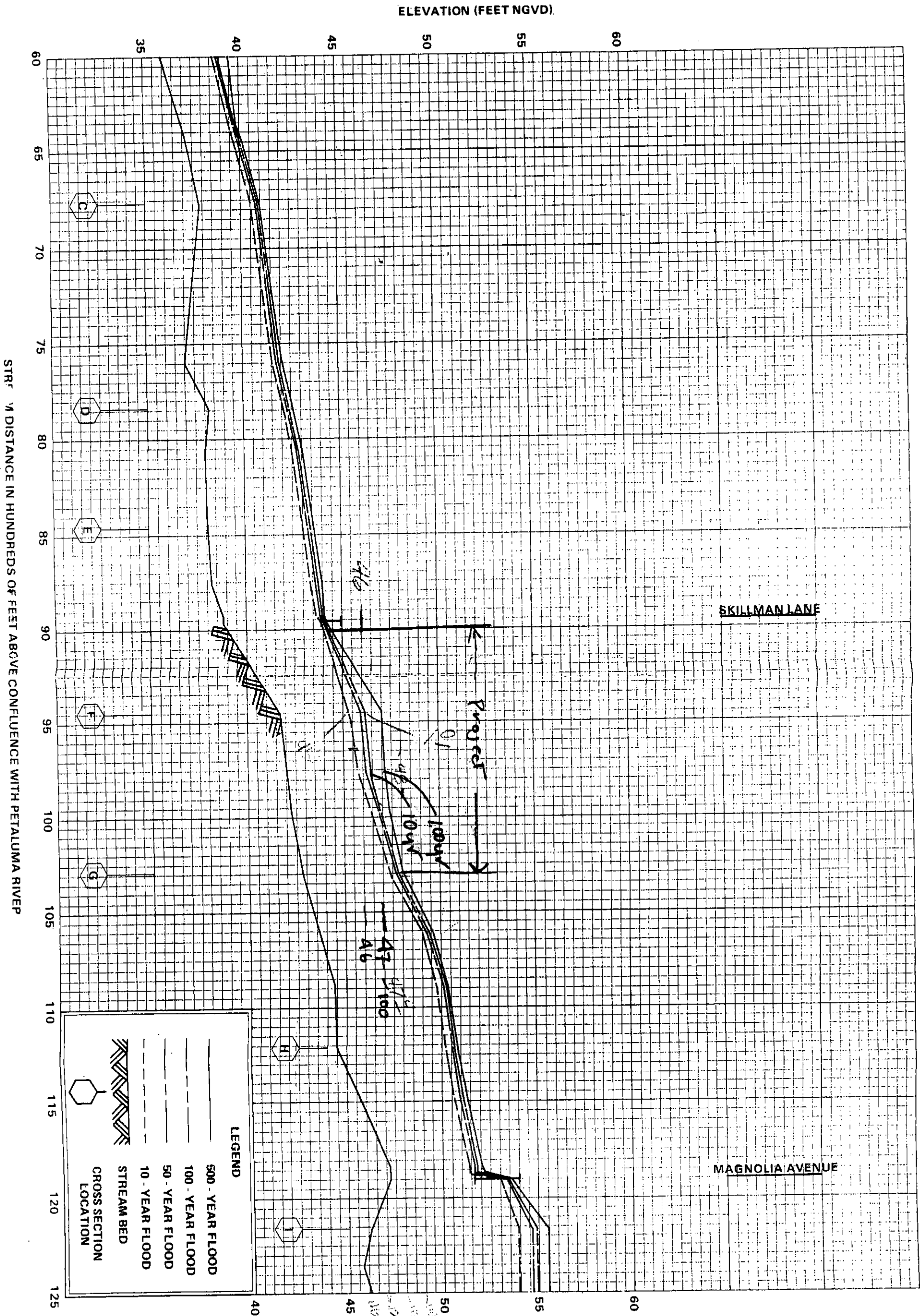
Site

453 104V
100 Y
100 Y
100 Y

ZONE X 41

Marin Creek

ZONE X



FEDERAL EMERGENCY MANAGEMENT AGENCY

SONOMA COUNTY, CA
(UNINCORPORATED AREAS)

FLOOD PROFILES

MARIN CREEK

August 4, 2009

File: 1561.02 altr.doc

K.C. Goltermann
316 Petaluma Boulevard South
Petaluma, California 94954

Re: Final Report of Geotechnical Observation and Testing
New Driveway
1663 Skillman Lane Driveway
Sonoma County, California

Ladies and Gentlemen:

Introduction

This letter summarizes our geotechnical testing of subgrade, aggregate base rock, and asphaltic concrete for a new driveway at 1663 Skillman Lane. Our construction services scope of work included laboratory density testing (ASTM D1557) of imported and onsite materials, field density tests of compacted subgrade, base material, and asphaltic concrete, and observation of proof rolls of finished subgrade and base rock to check for uniform, firm, unyielding, and stable conditions. Our services have been provided in accordance with our agreement dated April 29, 2009.

We performed a geotechnical investigation for the project and summarized the results date December 5, 2008. Roadway plans were prepared by Guadalupe S. Chavarria (March 27, 2009).

Construction Observation and Testing

The Contractor was Bob Luiz of Petaluma, California. As requested by the Contractor, we provided on-call observation and testing at the site starting on May 4, 2009. Class II aggregate base rock was imported from Soils Plus Stony Point Quarry in Cotati, California. Laboratory testing included compaction curves (ASTM D1557) for the subgrade and import material. The results of the laboratory testing are presented on Figures 1 and 2. Paving of the road took place on June 22, 2009 asphaltic concrete was imported from Syar Ind. in Santa Rosa, California, the paving contractor was Cornerstone Paving Co. of Santa Rosa, California.

We performed on-call inspections and field density testing for roadway subgrade, aggregate baserock, and asphalt pavement at the request of the K.C. Goltermann from May 4, 2009 through June 22, 2009. Our testing indicates that the minimum required relative compaction (95% relative compaction for subgrade, aggregate base rock, and asphaltic concrete) was achieved. A summary of the test results is presented on the attached Table A. During proof rolling we observed a uniform, firm, unyielding, and stable condition for both subgrade and top of compacted aggregate baserock prior to asphalt paving.

K.C. Goltermann
Page 2 of 2

August 4, 2009

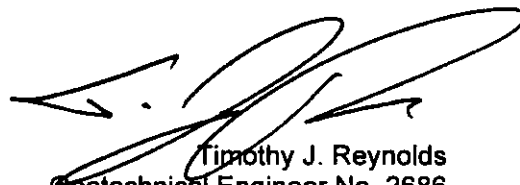
Summary

Based on our laboratory and field density testing, it is our professional opinion that the geotechnical portions of the work performed for the roadway subgrade, baserock and asphalt compaction were in accordance with our recommendations and the Project Improvement Plans. Please call with any questions you may have.

Yours very truly,
MILLER PACIFIC ENGINEERING GROUP

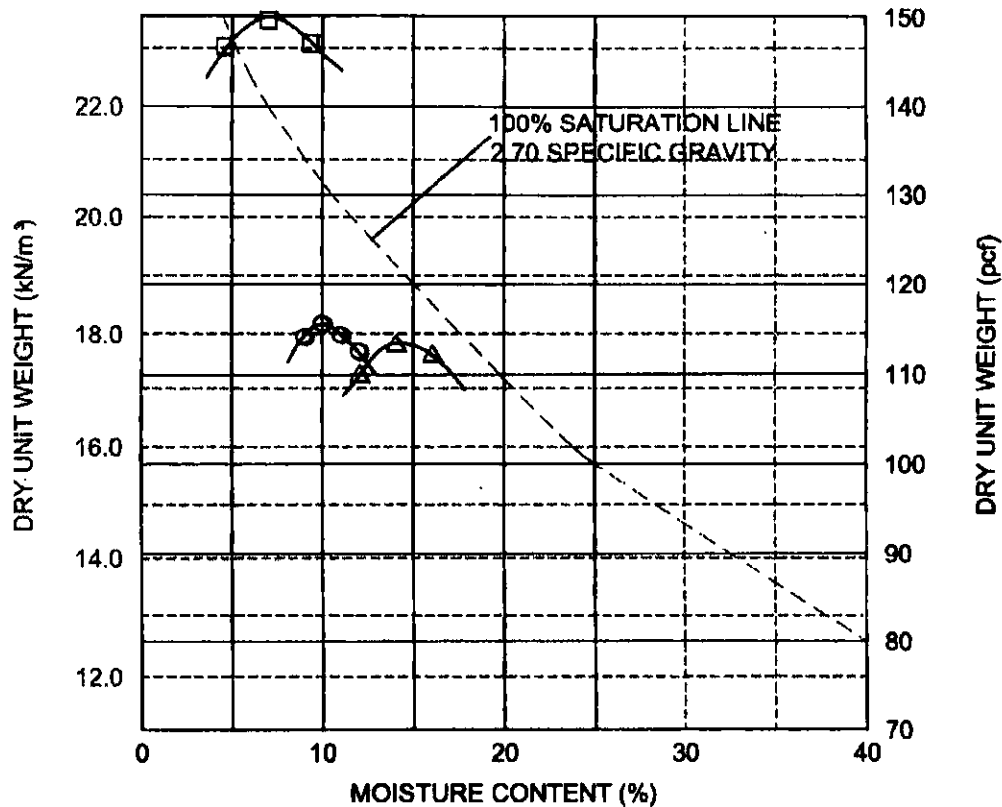


Jamie Fearn
Staff Geologist



Timothy J. Reynolds
Geotechnical Engineer No. 2686
(Expires 12/31/10)

3 copies delivered to K.C. Goltermann

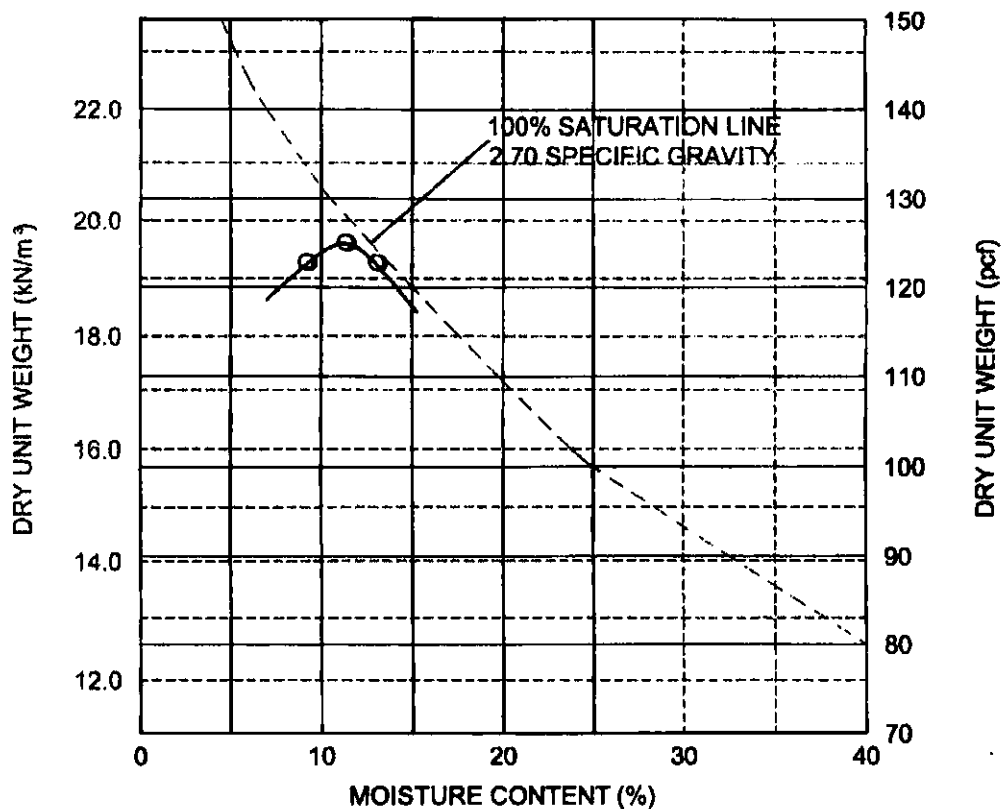


NOTE: pcf x 0.157 = kN/m³ (rounded to 3 significant figures)

SYMBOL	SAMPLE SOURCE	CLASSIFICATION	OPTIMUM MOISTURE CONT. (%)	MAXIMUM DRY UNIT WEIGHT	
				(kN/m³)	(pcf)
○	On-Site	SAND WITH SILT (SP) dark brown	10.0	18.2	116
△	On-site	SAND WITH SILT (SP) gray	14.0	17.8	113
□	On-Site	SANDY GRAVEL (GW) light brown	7.0	23.6	150

REFERENCE: ASTM Method D1557

Miller Pacific ENGINEERING GROUP A CALIFORNIA CORPORATION, © 2008, ALL RIGHTS RESERVED 1581.02 CC	1333 N. McDowell Blvd. Suite C Petaluma, CA 94947 T 707 / 765-6140 F 707 / 765-6222 www.millerpac.com	COMPACTION CURVE		Golterman - 1663 Skillman Lane Petaluma, California	Date: <u>JLF</u> Checked: <u>JSR</u>	1 FIGURE
	Project No. 1581.02 Date: 07/28/09					



NOTE: pcf x 0.157 = kN/m³ (rounded to 3 significant figures)

SYMBOL	SAMPLE SOURCE	CLASSIFICATION	OPTIMUM MOISTURE CONT. (%)	MAXIMUM DRY UNIT WEIGHT	
				(kN/m ³)	(pcf)
○	IMPORT Stony Point Quarry Cotati, CA	CLASS II AGGREGATE BASE ROCK medium brown	11.5	19.6	125

REFERENCE: ASTM Method D1557

Miller Pacific ENGINEERING GROUP A CALIFORNIA CORPORATION. © 2009, ALL RIGHTS RESERVED 1561.02 CC	1333 N. McDowell Blvd. Suite C Petaluma, CA 94947 T 707 / 765-6140 F 707 / 765-6222 www.millerpac.com	COMPACTION CURVE Golterman - 1663 Skillman Lane Petaluma, California		Drawn <u>JLF</u> Checked <u>JSR</u>	2 FIGURE
	Project No. 1561.02 Date: 07/28/08				



TABLE A
SUMMARY OF FIELD DENSITY TESTS
 1663 Skillman Lane Driveway
 Petaluma, California
 Job No. 1561.02

TEST NO.	TEST DATE	LOCATION	ELEV. (ft.)	FIELD		MAX. LAB. γ_d^3 DENSITY	RELATIVE COMPACTION		REMARKS
				γ_d^1 (pcf)	ω^2 (%)		OBTAINED (%)	REQUIRED (%)	
1	5/4	STA 3+85	SG+3"	109	14.4	116	94	95	Proof roll - OK
2	5/4	STA 4+60	SG+3"	110	11.5	116	95	95	
3	5/4	STA 5+65	SG+3"	111	10.0	116	96	95	
4	5/4	STA 6+40, east cul-de-sac	SG+3"	100	14.6	116	86	95	Fail See Test 12
5	5/8	STA 2+80	SG	106	14.9	113	94	95	Proof roll - OK
6	5/8	STA 3+80	SG	107	14.1	113	94	95	Proof roll - OK
7	5/8	STA 4+65	SG	110	15.5	116	95	95	
8	5/8	STA 5+35	SG	109	16.4	116	94	95	Proof roll - OK
9	5/8	STA 1+30	SG	111	13.7	116	95	95	Fail See Test 16
10	5/8	STA 0+80	SG	88	26.5	113	78	95	
11	5/11	STA 6+70, east cul-de-sac	SG	105	8.3	113	93	95	Proof roll - OK
12	5/11	Retest # 4	SG	106	12.7	113	94	95	Proof roll - OK
13	5/12	STA 2+25	SG	145	9.8	150	97	95	
14	5/12	STA 1+65	SG	132	10.3	150	88	95	Fail See Test #15
15	5/18	Retest #14	SG	142	9.3	150	94	95	
16	5/18	Retest # 10	SG	115	9.1	116	99	95	
17	5/18	STA 0+35	SG	111	10.8	116	96	95	
18	5/18	STA 4+30	SG	111	7.8	116	96	95	
19	5/18	STA 4+80	SG	118	9.8	116	101	95	
20	5/18	Cul-de-Sac South	AB	121	11.5	125	97	95	
21	5/18	Cul-de-Sac Northeast	AB	115	10.1	125	92	95	Fail See Test #28
22	5/18	STA 5+50	AB	113	9.9	125	90	95	Fail See Test #27
23	5/18	STA 4+60	AB	119	14.2	125	95	95	
24	5/18	STA 3+80	AB	108	9.5	125	86	95	Fail See Test #26
25	5/18	STA 2+80	AB	117	14.0	125	93	95	Fail See Test #29
26	5/21	Retest #24	AB	117	9.7	125	93	95	Proof roll - OK
27	5/21	Retest #22	AB	118	8.8	125	94	95	Proof roll - OK
28	5/21	Retest #21	AB	116	10.5	125	93	95	Proof roll - OK
29	5/21	Retest #25	AB	116	10.8	125	93	95	Proof roll - OK
30	5/21	STA 1+75	AB	115	11.2	125	92	95	Proof roll - OK
31	5/21	STA 0+80	AB	112	11.3	125	90	95	Proof roll - OK
32	6/22	STA 6+55	AC	140		147	95	95	
33	6/22	STA 6+85	AC	140		147	95	95	
34	6/22	STA 6+05	AC	142		147	96	95	
35	6/22	STA 5+55	AC	140		147	95	95	
36	6/22	STA 4+75	AC	140		147	95	95	
37	6/22	STA 3+00	AC	145		147	99	95	
38	6/22	STA 2+00	AC	143		147	97	95	
39	6/22	STA 1+05	AC	140		147	95	95	
40	6/22	STA 0+55	AC	141		147	96	95	

**MAXIMUM DRY
DENSITY (PCF) MATERIAL**

KEY	
ELEV=	Elevation
SG =	Top of Subgrade
AB =	Top of Aggregate Base/rock
AC =	Top of Asphaltic Concrete
116	On-site
113	On-site
150	On-site
125	Class II Aggregate Base/rock, Soils Plus Cotati, CA
147	Asphaltic Concrete, Syar Ind. Santa Rosa, CA

¹ γ_d - Dry Density by Nuclear Test (ASTM D 2922)

² ω - Moisture Content by Nuclear Test (ASTM D 3017)

³Max. Laboratory Dry Density (ASTM D 1557)