

B

Type

X

Plans

BLD14-2383

Permit Number

2 110

Street Number

HWY 116 N

Street Name

GRA

Community Code

130-263-004

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:

MARC MATULICH

Date

Applied: 5-29-2014

## INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

### SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 2110 GRAVENSTEIN HWY N	City: HEBERTSPTOL	ZIP: 95472
Cross-Street: OCCIDENTAL RD	APN: 130-263-004	Project Phone #: (529) 5384
Directions:	Email address: MOUSEH@comcast.net	Project Fax #: (829) 8440
Describe Project: NEW RETAIL BUILDING Shell	Living Area: 6,400 SF	Contract Price:
	Garage:	
	Decks:	

### OWNER NAME AND ADDRESS

Name: K. HUSARY
Mailing Address: SAME AS SITE
City:
State:
ZIP:
Day Ph: ( )
Fax: ( )

### APPLICANT NAME AND ADDRESS

Name: MOUSA HUSARY
Mailing Address: SAME
City:
State:
ZIP:
Day Ph: ( )
Fax: ( )

### CONTRACTOR INFORMATION

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

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

Name: MARC MATULICH
Address: 1518 JEWELL DR
City: SANTA ROSA
State: CA
ZIP: 95404
Day Ph: (523) 4681
Fax: (523) 437
License No: C12701
Exp. Date: 8/2015

### WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:  
☐ I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  
☐ I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier \_\_\_\_\_  
 Policy \_\_\_\_\_  
 No. \_\_\_\_\_

(This section need not be completed if the permit is for one hundred dollars (\$100) or less).

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: \_\_\_\_\_ Applicant: \_\_\_\_\_

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

### OWNER-BUILDER DECLARATION

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

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code: The 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: Marc Matulich C12701

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>.

5-29-2014 Marc Matulich  
 Date 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.

Marc Matulich  
 PERMITTEE SIGNATURE

1518 JEWELL DR SR 95404  
 ADDRESS 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 C1 SR File No. \_\_\_\_\_ Acres 1.45

Existing Use/Structures 76 Gas Station

Proposed Use/Structures New Retail Bldgs

Zoning Min. Yard Requirements: Front \_\_\_\_\_ Left \_\_\_\_\_ Right \_\_\_\_\_ 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: [Signature] Date: 5-29-2015

By: \_\_\_\_\_ Date: \_\_\_\_\_

Conditions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

JOB ADDRESS: 2110 HUNTER N. GRA

PERMIT NUMBER: RD 14-2387

INSPECTION AREA: 7

<input checked="" type="checkbox"/> Plans Approved	<input type="checkbox"/> Post FIRM	<input type="checkbox"/> Alquist Priolo Report Available
<input type="checkbox"/> No Plans Subject to Field Inspection	<input type="checkbox"/> Pre FIRM	<input type="checkbox"/> Geotechnical report Available
Plat Check Cleared By: [Signature]	Date: 9/30/14	Type of Construction: H-B B
Permit Cleared for Issuance By: [Signature]	Date: 12-19-14	Occupancy: 1
	Auto Fire Sprinklers Req'd: Yes	No. of Stories: 1
	No. of Units: 1	No. of Bedrooms: 0
	Certificate of Occupancy	

Machine Space for Permit Fee	
PAYMENT REC'D	
\$ [Amount]	
JAN 08 2015	
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT	
COUNTY OF SONOMA	

Distribution: White - File - Canary - Applicant - Blue - Assessor - Cardstock - Inspector

131) SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET	
INSPECTION RECORD		DATE	NAME	REMARKS	
101)	ROUGH GRADING				
103)	FOUNDATION	1-21-15	ZM		
	FORMS/SETBACK				
	FOOTING			Bo Bo	
	WALLS				
106)	UFER GROUND #	1-21-15	ZM	(124) 1st Floor DW.V., H2O, & Gas supply	
104)	CAISSONS/PIERS			O.K. 7-29-15	
105)	SLAB			(116) met with contractor on site	
107)	UNDERGROUND UTILITIES			about walks around existing building	
110)	MASONRY			and to the public way the walk to the	
109)	RETAINING WALLS	7-29-15	AF	public way, needs to be redesigned, it's too	
113)	FIREPLACE			steep, it is a ramp now 12-16-15	
	FOOTING				
	HEARTH/PROTECTION				
	THROAT				
114)	CHIMNEY				
120)	UNDERFLOOR/UNDERSLAB				
115)	HYDRONICS				
116)	U/F ELECTRICAL				
117)	U/F MECHANICAL				
118)	U/F PLUMBING	see note 1-16-15	AF	(118) under slab plumbing for 4	
119)	U/F FRAMING			bathrooms O.K. bathrooms added	
139)	U/F INSULATION			to permit via revision 2-4-15.	
126)	SHEAR WALLS			2-5-15 ZM	
	<input type="checkbox"/> INTERIOR		<input type="checkbox"/> EXTERIOR		
127)	DIAPHRAGMS				
	<input type="checkbox"/> ROOF		<input type="checkbox"/> FLOOR		
134)	SIDING/SHEATHING	11-13-15	AF		
125)	HOLD DOWNS				
132)	CLOSE-IN				
122)	ROUGH ELECTRICAL	11-13-15	AF		
123)	ROUGH MECHANICAL				
124)	ROUGH PLUMBING	11-13-15	AF		
128)	ROUGH FRAME	see notes 4-24-15	ZM	(128) metal Bldg structurally complete	
160)	SMOKE DETECTORS				
139)	INSULATION				
142)	WALLBOARD	11-13-15	AF	(174) Unit #5 O.K. 7-21-15	
143)	FIREWALLS				
135)	STUCCO/PLASTER				
	<input type="checkbox"/> LATH		<input type="checkbox"/> SCRATCH		
137)	ROOFING	11-13-15	AF		
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	par 8-16-16	AF	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 type="checkbox"/> Yes <input type="checkbox"/> No	
174)	ELECTRIC METER AUTHORIZATION			759) KNOX BOX	
152)	PANEL BOARDS/SERVICE			760) PROPANE TANK HOLD DOWNS	
189)	SEPTIC ELECTRIC FINAL			770) SPRINKLER FINAL	
175)	GAS METER AUTHORIZATION			771) ABOVEGROUND HYDROSTATIC	
153)	GAS PRESSURE TEST	*		772) UNDERGROUND HYDROSTATIC	
	HOUSE			773) UNDERGROUND FLUSH	
	YARD			774) THRUST BLOCKS	
190)	MANUF. HOME FOUNDATION			775) PIPE WELD	
191)	MANUF. HOME INSTALLATION			776) HYDRANTS/APPLIANCES	
	CONTINUITY			777) PUMP ACCEPTANCE	
	STAIRS/SKIRTS			778) WATER SUPPLY/TANK	
	RIDGE BOLTING			779) ALARM SYSTEM	
193)	MANUF. HOME COND. FINAL			780) HOOD & DUCT SYSTEM	
	SWIMMING POOLS			781) ABOVEGROUND TANK/DISPENSER	
194)	PRE-GUNITE			198) FIRE FINAL	
195)	PRE-DECK			CLEARANCES:	
196)	PRE-PLASTER/FENCE			FIRE <input type="checkbox"/> Local <input type="checkbox"/> County	
197)	VINYL/FIBERGLASS POOL EXCAVATION			HEALTH DEPARTMENT	
102)	GRADING FINAL			ZONING	
176)	ELECTRICAL FINAL			SANITATION	
177)	MECHANICAL FINAL				
178)	PLUMBING FINAL				
199)	FINAL				
	OCCUPANCY (OK TO OCCUPY)			PLAN RETENTION REQUIRED?	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	

# Bld 14-2383

## SCHOOL DISTRICT CERTIFICATION OF COMPLIANCE

RETURN TO: Permit and Resource Management, County of Sonoma, 2550 Ventura Avenue, Santa Rosa, CA 95403

FROM: High School District WSCUHS Elementary District Dak Grove

Proof of school development fee payment must be provided to Permit and Resource Management Department prior to permit issuance.  
It is best to pay the school development fees after notification that the plan check is complete and the square footage is verified.

To be completed by applicant for building permit(s) and verified by Permit and Resource Management, County of Sonoma.

EFFECTIVE DATE: 10-7-14 (Date Plan Check Fee Was Paid) COUNTY RECEIPT NO. \_\_\_\_\_  
PROJECT ADDRESS 2000 Hwy 116 N AKA 2110 Hwy 116 N  
PROPERTY OWNER'S NAME Husarys 76 (2110 Gravenstein Hwy N)  
If applicable: Mobilehome Park Name \_\_\_\_\_ Lot/Space No. \_\_\_\_\_  
ASSESSOR'S PARCEL NO. 130-263-004

PROJECT DESCRIPTION: Include number of dwelling units. If agriculture, state specific use. Also include information regarding whether or not replacement dwelling, building used for religious purposes, private school or owned and occupied by governmental entity.

Commercial Shell Bldg

Building Type: ☐ Residential ☒ Commercial/Industrial ☐ Mobilehome/Manufactured Home

Square footage breakdown per residential unit: residential area\* 0

Total No. of residential units 0 Total Square Fee of Eligible Building Area\*: 6400

I declare under penalty of perjury under the laws of the State of California on behalf of \_\_\_\_\_

Developer/Owner

and that the information furnished above is accurate and correct to the best of my knowledge.

Applicant's Signature

The County of Sonoma (Permit and Resource Management) on 10-7-14, Year \_\_\_\_\_ has verified the square footage and use information furnished by the above developer.

County of Sonoma Signature \_\_\_\_\_

- \* Residential Buildings are building occupancies for single and multiple family dwellings, apartments, condominiums, and residential hotels where the primary purpose is to provide a residence and not a service, such as health care.
- \* Commercial/Industrial Area Buildings are building occupancies other than residential. Includes those buildings where the primary purpose is to provide a service, such as health care. Also includes senior citizen housing (Civil Code 51.3), residential care facility for elderly (H&S Code 15432(d)(9)), and adult only mobilehomes (Gov. Code 65995.2(a)).
- \* Eligible Commercial/Industrial Area is all chargeable covered and enclosed space calculated by the building department. Chargeable Covered and Enclosed Space includes all the covered and enclosed space within the perimeter of a commercial or industrial structure but does not include any storage areas incidental to the principal use the development, garage, parking structure, unenclosed walkway, or utility or disposal area.
- \* Eligible Residential Area means the Accessible Space calculated by the building department which includes all the square footage within the perimeter of a residential structure, but does not include any carport, walkway, overhang, patio, detached accessory structure, or similar area.

To be completed by school districts

### SCHOOL DISTRICT CERTIFICATION

School District requirements for the above project have been satisfied pursuant to (circle one):

Ed. Code 17620FEES    Mitigation Agreement    Not Subject to Fee Requirement

This Certification covers only the amount of square footage identified above. Any additional square footage for the project is subject to another certification of compliance.

ELEM. SCHOOL DISTRICT recpt. no. 712714

HIGH SCHOOL DISTRICT recpt. no. 598558

Square footage: 6400 at \$ .33 sq.ft.

Square footage: 6400 at \$ .14 sq.ft.

Total Fee Amount Collected: \$ 2112.00

Total Fee Amount Collected: \$ 896.00

Authorized School District Official [Signature]

Authorized School District Official [Signature]

Date: 10/8/14 [Signature] Chief Business Officer

Date: 10/8/14 [Signature] Payroll Tech

With regard to mobilehomes / manufactured homes, it is understood that the validity of any certificate of occupancy or Statement of Installation Acceptance issued by the City is conditioned on the concurrent payment of fees set forth above.

Applicant is hereby notified that anyone filing a protest on the imposition of Education Code Section 17620 fees must do so within 90 days from payment of the fee.

# Grading Permit Questionnaire

GRD - 002

**Purpose:** To assist applicants in determining if a grading permit is required for a proposed project.

**Background:** Grading is the removal and/or the deposition of earth material by artificial means. Earth material is defined as any rock or natural soil or combination thereof. Grading is generally a combination of excavation (cuts) and placement (fill) of soil. Common examples of grading include constructing a driveway, creating a building pad for further development, or stabilizing a slope. A grading permit is required prior to commencing any grading or related work, including preparatory site clearing and soil disturbance, except where exempted from permit requirements by Section 11.04.020 of the Sonoma County Code.

To determine if a project requires a grading permit, please answer the following questions. If any questions cannot be answered, contact a design professional for assistance and/or consult with the Permit and Resource Management (PRMD) Grading & Storm Water staff. **Incorrect answers may cause delays processing and/or issuing the permit(s) for the project.**

- ☐ Yes ☒ No ☐ Unknown 1. Does the project include cuts or fills exceeding 50 cubic yards of soil?\*
- ☐ Yes ☒ No ☐ Unknown 2. Does the project include a cut greater than 2 feet in depth?\*
- ☐ Yes ☒ No ☐ Unknown 3. Does the project create a cut slope greater than 5 feet in height and steeper than 2:1 (H:V)?\*
- ☐ Yes ☒ No ☐ Unknown 4. Does the project include a fill greater than 3 feet in depth?
- ☐ Yes ☒ No ☐ Unknown 5. Does the project include fill between 1 foot and 3 feet in depth, and not intended to support a structure or surcharge, and placed on terrain with a natural slope steeper than 15%?
- ☐ Yes ☒ No ☐ Unknown 6. Does the project include fill greater than 1 foot in depth and intended to support a structure or surcharge?
- ☐ Yes ☒ No ☐ Unknown 7. Does the project include any fill within the Flood Prone Urban Area (FPUA)? See map on reverse side of this form for the location of the FPUA.
- ☐ Yes ☒ No ☐ Unknown 8. Does the project include any fill within a Special Flood Hazard Area designated by FEMA as subject to flooding by the 1% annual chance flood (100-year flood)?

\* A "No" answer may be selected for excavations below finished grade for basements, tanks, vaults, swimming pools, and footings of a building, retaining wall, or other structure, where authorized by a valid building permit.

## Acknowledgment:

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

MARC MATULICH

Applicant Printed Name

Marc Matulich

Applicant Signature

5-29-2014

Date

2110 GRAVENSTEIN HWY N.

Property Address

130 263 00A

Assessor's Parcel Number(s)

BLD14-2383

Building Permit Number(s)

## Sonoma County Permit and Resource Management Department

2550 Ventura Avenue ♦ Santa Rosa, CA ♦ 95403-2829 ♦ (707) 565-1900 ♦ Fax (707) 565-2210

# FORSYTHE

ENGINEERING CONSULTANTS

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

**Date: April 5, 2015**

**PROJECT:**  
**Husary's 76 (Metal Bldg)**  
**2110 Gravenstein Hwy N**  
**Sebastopol, CA**

**SUBJECT: FINAL SPECIAL INSPECTION LETTER**

This is to certify that in accordance with Chapter 17 of the California Building Code, we have provided the Special Inspections summarized below:

**1. High Strength Bolting**

*Torque value was determined as per engineer specifications*

*Torque tested the following:*

*¾" bolts – tested 25 bolts (25% of 100 bolts total) @ 186 ft. lbs*

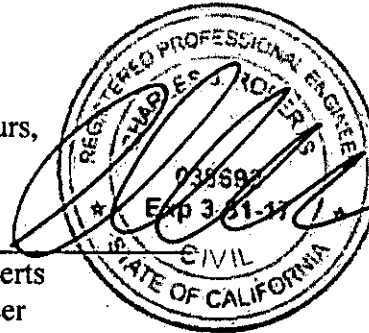
*1" bolts – tested 20 bolts (25% of 80 bolts total) @ 433 ft. lbs.*

*No bolting discrepancies noted upon completion of testing*

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

Very truly yours,

Charles J. Roberts  
Chief Engineer  
RCE no. C-038692, Exp. 3/31/17



**RETAIN**



## **PJC & Associates, Inc.**

*Consulting Engineers & Geologists*

January 7, 2016

Job No. 2215.01

Mousa Husary  
2110 Gravenstein Highway North  
Sebastopol, CA 95472

Subject: Final Report  
Results of Geotechnical Observations  
And Special Inspection and Testing Services  
Molino Corner Retail Center  
2110 Gravenstein Highway North  
Sebastopol, California  
BLD14-0702; BLD14-2383

References: Report titled, "Design Level Geotechnical Investigation, Proposed Husary Retail Center, 2110 Gravenstein Highway North, Sebastopol, California," prepared by PJC & Associates, Inc., dated November 7, 2005.

Report titled, "Geotechnical Investigation Report Review and Update, Proposed Molino Corner Retail Center, 2110 Gravenstein Highway North, Sebastopol, California," prepared by PJC & Associates, Inc., dated April 15, 2014.

Structural Plans, Sheets S-1 and S-3, prepared by Ty Fiscus, May 28, 2014.

Architectural Site Plan, Sheet A-1, prepared by Matulich Architect, dated February 17, 2014.

Dear Mousa:

PJC & Associates, Inc. (PJC) is pleased to submit this final report presenting the results of our geotechnical observations and special inspection and testing services provided during construction of the proposed Molino Corner Retail Center located at 2110 Gravenstein Highway North in Sebastopol, California. Our services were completed in accordance with our agreement for geotechnical and special inspection and testing services and your authorization to proceed with the work.

**RETAIN**

## 1. SCOPE OF SERVICES

PJC was intermittently on site April 30, 2014 through December 1, 2015. The following scope of services was provided for the project:

- a. Observation and approval of the spread footing foundation excavations for the proposed site retaining wall.
- b. Special inspection of reinforcing steel used in the footings for the site retaining wall.
- c. Observation and approval of the retaining wall backdrain placement and installation.
- d. Observation and approval of the spread footing foundation excavations for the proposed structure.
- e. Special inspection of reinforcing steel used in the footings and stem walls for the structure.
- f. Special inspection of reinforcing hold downs for the building foundation.
- g. Observation of the placement of concrete to the spread footings and lower slab-on-grade. Samples were cast. Compression results are attached.
- h. Special inspection of reinforcing steel used in the upper and lower slab-on-grade per sheet S1.
- i. Special inspection of the placement and installation of epoxy dowels for the ramp wall.
- j. Schmidt Hammer testing of the upper slab-on-grade.
- k. Special inspection of reinforcing steel used in the double mat slab foundation for the pump house.
- l. Observation of the placement of concrete to the double mat slab foundation for the pump house. Samples were cast. Compression results are attached.
- m. Observation and approval of the spread footing foundation excavations for the retaining wall east of the retail building.
- n. Special inspection of reinforcing steel used in the footings for the retaining wall east of the retail building.

RETAIN



- o. Special inspection of reinforcement steel used in the structural slab-on-grade at the existing septic tanks.
- p. Preparation of this final report.

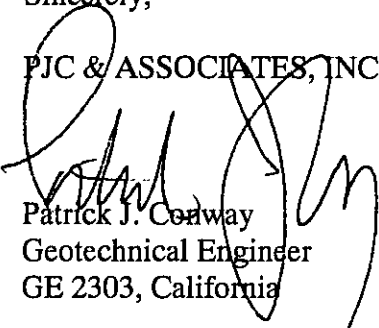
## 2. DISCUSSION

Based on the results of our geotechnical observations and special inspection and testing services, we judge that the work described above was constructed in general conformance with the approved geotechnical reports, approved project plans and the minimal 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:bc

cc: Ron Santos ([santos@sonic.net](mailto:santos@sonic.net))

**RETAIN**

Al Elmendorf  
C.W.I. 96051191 A.W.S. QC1-C.W.E. 9706020E  
Welding Inspections, Training & Certifications  
687 Lillycross Dr. Roseville, Ca. 95678  
(916) 784-2422

## Weld Inspection Report

Client: Loomis Building Systems  
P.O. Box 710  
Penryn, Ca. 95663

Location: Loomis Building Systems  
3485 Swetzer Rd.  
Loomis, Ca. 95650

Date: February 27, 2015

Inspector: Al Elmendorf

### Molino Corner. Project, Sebastopol, Ca.

This will be the first of a two part inspection. Arrived on site 08:00. I met with Plant Owner George Becerra . He showed me all prints and welding procedures. I checked all welding equipment, proper settings, and welding wire to be used on the Molino Cornor project, Sabastopol,Ca. Certified welder Rogelio Cisneros ID# D8699798 proceeded with all the welding. Welder showing excellent technique. Total number of parts inspected on this date, 5-FB-Floor beams, 10-SWC1-columns, 10-RAF1- rafters, 6-OH1-rafters, 2-ECR-rafters, 2-IC1-columns, and 1-IC2-columns were fabricated to this date for this project. Top plates, stiffener plates, connection plates, web plates, and flange plates. I gave special attention to all full pen welds. Shop personal showing excellent workmanship on all these parts. All welds and fit ups are as per plans and meet A.W.S. specifications.

Al Elmendorf

RETAIN

Al Elmendorf  
C.W.I. 96051191 A.W.S. QC1-C.W.E. 9706020E  
Welding Inspections, Training & Certifications  
687 Lillycross Dr. Roseville, Ca. 95678  
(916) 784-2422

## Weld Inspection Report

Client: Loomis Building Systems  
P.O. Box 710  
Penryn, Ca. 95663

Location: Loomis Building Systems  
3485 Swetzer Rd.  
Loomis, Ca. 95650

Date: March 29, 2015

Inspector: Al Elmendorf

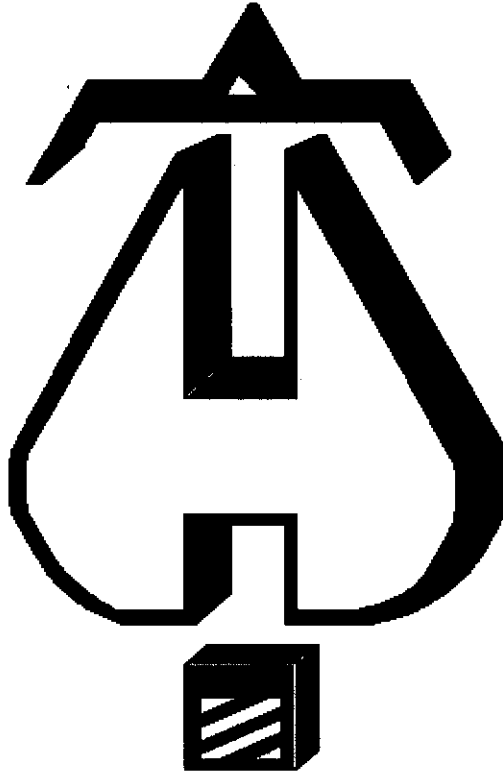
### Molino Corner Project, Sebastopol, Ca.

This is the final inspections for this project. Arrived on site 08:00. I met with Plant Owner George Becerra . We reviewed all prints and welding procedures. I checked once again all welding equipment, proper settings, and welding wire to be used on the Molino Corner Project, Sebastopol, Ca. Certified welder Rogelio Cisneros ID# D8699798 continuing with all the welding. Inspection on this date include fabrication of, 5-FB-Floor beams, 10-SWC-1 columns, 10-RAF-1-rafters, 6-OH1-rafters, 2-ECR-rafters, 2-IC1-columns, and 4-OHE-rafters. Top plates, stiffener plates, connection plates, web plates, and flange plates. I gave special attention to all full pen welds. Shop personal showing excellent workmanship on all these parts. All welds and fit ups are as per plans and meet A.W.S. specifications.



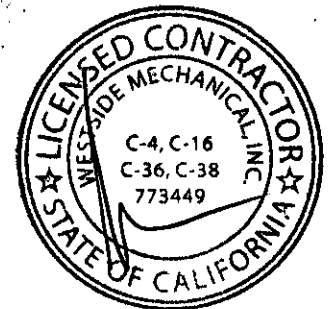
Inspector's Signature

RETAIN



... Fire Protection by Computer Design

Westside Mechanical, Inc.  
3100 Dutton Ave.  
Santa Rosa, CA  
CA Lic. C-16 773449  
707-795-9606



Job Name : REMOTE AREA #1  
Building : FP-3  
Location : 2110 GRAVENSTEIN HWY  
System : REMOTE AREA #1  
Contract : 1005  
Data File : 1005.WXF

---

**HYDRAULIC CALCULATIONS**  
**for**

**Project name:** MOLINO CORNER  
**Location:** 2110 GRAVENSTEIN HWY  
**Drawing no:** FP-3  
**Date:** 10-07-14

**Design**

**Remote area number:** REMOTE AREA #1  
**Remote area location:** ROOF PIPING  
**Occupancy classification:** ORDINARY HAZARD GROUP II  
**Density:** .20 - Gpm/SqFt  
**Area of application:** 1500 - SqFt  
**Coverage per sprinkler:** 100 - SqFt  
**Type of sprinklers calculated:** TYCO TY-B UPRIGHT  
**No. of sprinklers calculated:** 16  
**In-rack demand:** - GPM  
**Hose streams:** 250 - GPM  
**Total water required (including hose streams):** 586.70 - GPM @ 59.40 - Psi  
**Type of system:** WET  
**Volume of dry or preaction system:** - Gal

**Water supply Information**

**Date:** 10-07-14  
**Location:** SITE  
**Source:** NEW FIRE PUMP

**Name of contractor:** Westside Mechanical Inc.  
**Address:** 3100 Dutton Ave. / Santa Rosa, CA / CA Lic. C-16 773449  
**Phone number:** 707-795-9606  
**Name of designer:**  
**Authority having jurisdiction:** SONOMA COUNTY DES  
**Notes:** (Include peaking information or gridded systems here.)

# Water Supply Curve C

Westside Mechanical, Inc.  
REMOTE AREA #1

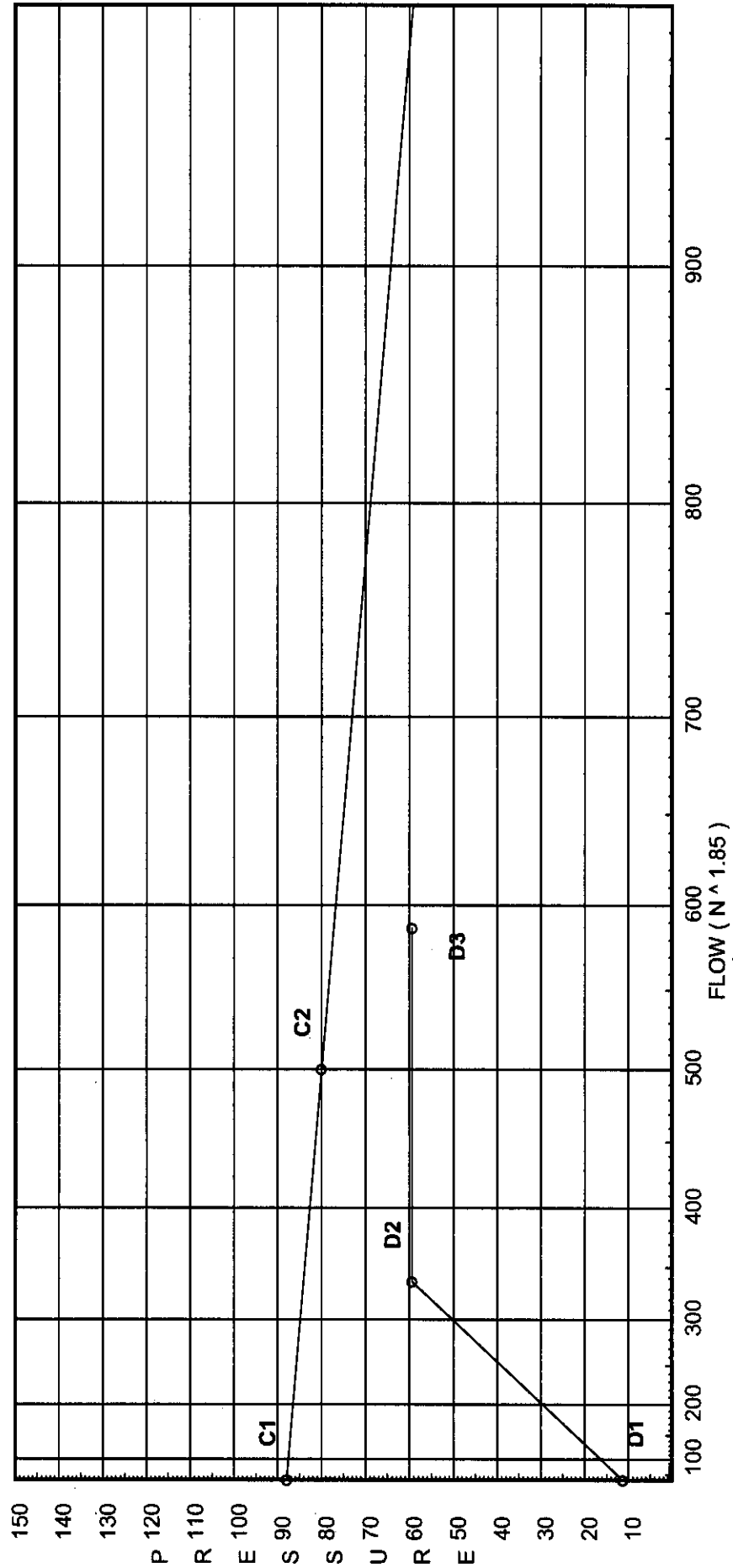
Page 2  
Date

## City Water Supply:

C1 - Static Pressure : 88  
C2 - Residual Pressure: 80  
C2 - Residual Flow : 500

## Demand:

D1 - Elevation : 11.261  
D2 - System Flow : 336.701  
D2 - System Pressure : 59.399  
Hose ( Demand ) : 250  
D3 - System Demand : 586.701  
Safety Margin : 17.847



# Fittings Used Summary

Westside Mechanical, Inc.  
REMOTE AREA #1

Fitting Legend Abbrev. Name	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24
B NFPA 13 Butterfly Valve	0	0	0	0	0	6	7	10	0	12	9	10	12	19	21	0	0	0	0	0
E NFPA 13 90° Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
S NFPA 13 Swing Check	0	0	5	7	9	11	14	16	19	22	27	32	45	55	65					
T NFPA 13 90° Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121

## Units Summary

- Diameter Units Inches
- Length Units Feet
- Flow Units US Gallons per Minute
- Pressure Units Pounds per Square Inch

Note: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters. Equivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors of 120 except as noted with \*. The fittings marked with a \* show equivalent lengths values supplied by manufacturers based on specific pipe diameters and CFactors and they require no adjustment. All values for fittings not marked with a \* will be adjusted in the calculation for CFactors of other than 120 and diameters other than Sched 40 per NFPA.

# Pressure / Flow Summary - STANDARD

Westside Mechanical, Inc.  
REMOTE AREA #1

Page 4  
Date

Node No.	Elevation	K-Fact	Pt Actual	Pn	Flow Actual	Density	Area	Press Req.
K1	0.0	5.6	12.76	na	20.0	0.2	100	7.0
1	25.0	K = K @ S1	16.28	na	21.94			
2	28.0	K = K @ S1	16.4	na	22.01			
5	25.0	K = K @ S1	13.63	na	20.07			
4	28.0	K = K @ S1	13.54	na	20.0			
3	29.0		20.54	na				
6	25.0	K = K @ S1	16.29	na	21.94			
7	28.0	K = K @ S1	16.41	na	22.02			
10	25.0	K = K @ S1	13.64	na	20.08			
9	28.0	K = K @ S1	13.55	na	20.01			
8	29.0		20.55	na				
11	25.0	K = K @ S1	16.34	na	21.98			
12	28.0	K = K @ S1	16.46	na	22.06			
15	25.0	K = K @ S1	13.68	na	20.11			
14	28.0	K = K @ S1	13.59	na	20.04			
13	29.0		20.62	na				
16	25.0	K = K @ S1	16.44	na	22.04			
17	28.0	K = K @ S1	16.57	na	22.13			
20	25.0	K = K @ S1	13.77	na	20.17			
19	28.0	K = K @ S1	13.68	na	20.11			
18	29.0		20.75	na				
21	28.0		23.04	na				
22	28.0		23.06	na				
23	28.0		23.12	na				
24	28.0		23.27	na				
25	28.0		27.4	na				
26	24.0		30.31	na				
27	0.5		41.48	na				
28	0.0		48.25	na				
29	0.0		54.34	na				
30	0.0		56.24	na	250.0			
31	2.0		58.12	na				
32	2.0		59.4	na				

The maximum velocity is 15.47 and it occurs in the pipe between nodes 17 and 18



# Final Calculations - Hazen-Williams

Westside Mechanical, Inc.  
REMOTE AREA #1

Page 5  
Date

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv. Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	*****	Notes	*****
K1 to S1	20.00 20.0	1.049 120.0 0.1302	T 0.0 0.0	5.0 0.0 0.0	1.000 5.000 6.000	12.755 0.0 0.781		K Factor = 5.60 Vel = 7.42	
	0.0 20.00					13.536		K Factor = 5.44	
1 to 2	21.94 21.94	1.08 120.0 0.1339	0.0 0.0 0.0	0.0 0.0 0.0	10.580 0.0 10.580	16.282 -1.299 1.417		K Factor @ node S1 Vel = 7.68	
2 to 3	22.01 43.95	1.08 120.0 0.4845	T 0.0 0.0	5.762 0.0 0.0	3.670 5.762 9.432	16.400 -0.433 4.570		K Factor @ node S1 Vel = 15.39	
	0.0 43.95					20.537		K Factor = 9.70	
5 to 4	20.07 20.07	1.08 120.0 0.1136	0.0 0.0 0.0	0.0 0.0 0.0	10.580 0.0 10.580	13.633 -1.299 1.202		K Factor @ node S1 Vel = 7.03	
4 to 3	20.00 40.07	1.08 120.0 0.4084	2E T 0.0	4.61 5.762 0.0	7.830 10.372 18.202	13.536 -0.433 7.434		K Factor @ node S1 Vel = 14.03	
3 to 21	43.95 84.02	1.639 120.0 0.2108	T 0.0 0.0	8.727 0.0 0.0	1.080 8.727 9.807	20.537 0.433 2.067		Vel = 12.78	
	0.0 84.02					23.037		K Factor = 17.51	
6 to 7	21.94 21.94	1.08 120.0 0.1340	0.0 0.0 0.0	0.0 0.0 0.0	10.580 0.0 10.580	16.295 -1.299 1.418		K Factor @ node S1 Vel = 7.68	
7 to 8	22.03 43.97	1.08 120.0 0.4848	T 0.0 0.0	5.762 0.0 0.0	3.670 5.762 9.432	16.414 -0.433 4.573		K Factor @ node S1 Vel = 15.40	
	0.0 43.97					20.554		K Factor = 9.70	
10 to 9	20.08 20.08	1.08 120.0 0.1138	0.0 0.0 0.0	0.0 0.0 0.0	10.580 0.0 10.580	13.643 -1.299 1.204		K Factor @ node S1 Vel = 7.03	
9 to 8	20.01 40.09	1.08 120.0 0.4087	2E T 0.0	4.61 5.762 0.0	7.830 10.372 18.202	13.548 -0.433 7.439		K Factor @ node S1 Vel = 14.04	
8 to 22	43.97 84.06	1.639 120.0 0.2110	T 0.0 0.0	8.727 0.0 0.0	1.080 8.727 9.807	20.554 0.433 2.069		Vel = 12.78	
	0.0 84.06					23.056		K Factor = 17.51	
11 to 12	21.98 21.98	1.08 120.0 0.1344	0.0 0.0 0.0	0.0 0.0 0.0	10.580 0.0 10.580	16.341 -1.299 1.422		K Factor @ node S1 Vel = 7.70	

# Final Calculations - Hazen-Williams

Westside Mechanical, Inc.  
REMOTE AREA #1

Page 6  
Date

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv. Ln.	Pipe Fng's Total	Pt Pe Pf	Pt Pv Pn	*****	Notes	*****
12 to 13	22.05 44.03	1.08 120.0 0.4862	T 0.0 0.0	5.762 5.762 9.432	3.670 -0.433 4.586	16.464 -0.433 4.586		K Factor @ node S1 Vel = 15.42	
	0.0 44.03					20.617		K Factor = 9.70	
15 to 14	20.11 20.11	1.08 120.0 0.1141	0.0 0.0 0.0	10.580 0.0 10.580	13.682 -1.299 1.207	13.682 -1.299 1.207		K Factor @ node S1 Vel = 7.04	
14 to 13	20.04 40.15	1.08 120.0 0.4098	2E T 0.0	4.61 5.762 18.202	7.830 10.372 -0.433 7.460	13.590 -0.433 7.460		K Factor @ node S1 Vel = 14.06	
13 to 23	44.03 84.18	1.639 120.0 0.2116	T 0.0 0.0	8.727 8.727 9.807	1.080 0.433 2.075	20.617 0.433 2.075		Vel = 12.80	
	0.0 84.18					23.125		K Factor = 17.51	
16 to 17	22.04 22.04	1.08 120.0 0.1352	0.0 0.0 0.0	10.580 0.0 10.580	16.440 -1.299 1.430	16.440 -1.299 1.430		K Factor @ node S1 Vel = 7.72	
17 to 18	22.13 44.17	1.08 120.0 0.4891	T 0.0 0.0	5.762 5.762 9.432	3.670 -0.433 4.613	16.571 -0.433 4.613		K Factor @ node S1 Vel = 15.47	
	0.0 44.17					20.751		K Factor = 9.70	
20 to 19	20.17 20.17	1.08 120.0 0.1147	0.0 0.0 0.0	10.580 0.0 10.580	13.765 -1.299 1.213	13.765 -1.299 1.213		K Factor @ node S1 Vel = 7.06	
19 to 18	20.10 40.27	1.08 120.0 0.4123	2E T 0.0	4.61 5.762 18.202	7.830 10.372 -0.433 7.505	13.679 -0.433 7.505		K Factor @ node S1 Vel = 14.10	
18 to 24	44.17 84.44	1.639 120.0 0.2127	T 0.0 0.0	8.727 8.727 9.807	1.080 0.433 2.086	20.751 0.433 2.086		Vel = 12.84	
	0.0 84.44					23.270		K Factor = 17.50	
21 to 22	84.02 84.02	4.31 120.0 0.0019	0.0 0.0 0.0	10.000 0.0 10.000	23.037 0.0 0.019	23.037 0.0 0.019		Vel = 1.85	
22 to 23	84.06 168.08	4.31 120.0 0.0069	0.0 0.0 0.0	10.000 0.0 10.000	23.056 0.0 0.069	23.056 0.0 0.069		Vel = 3.70	
23 to 24	84.18 252.26	4.31 120.0 0.0145	0.0 0.0 0.0	10.000 0.0 10.000	23.125 0.0 0.145	23.125 0.0 0.145		Vel = 5.55	
24 to 25	84.44 336.7	4.31 120.0 0.0248	3E 0.0 0.0	41.811 41.811 166.521	124.710 0.0 4.127	23.270 0.0 4.127		Vel = 7.40	

# Final Calculations - Hazen-Williams

Westside Mechanical, Inc.  
REMOTE AREA #1

Page 7  
Date

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv. Ln.	Pipe Ftng's Total	Pt Pa Pf	Pt Pv Pn	*****	Notes	*****
25 to 26	0.0 336.7	4.31 120.0 0.0248	2E	27.874 0.0 0.0	19.870 27.874 47.744	27.397 1.732 1.183		Vel = 7.40	
26 to 27	0.0 336.7	4.31 120.0 0.0248	B	16.724 0.0 0.0	23.250 16.724 39.974	30.312 10.178 0.991		Vel = 7.40	
27 to 28	0.0 336.7	4.266 150.0 0.0172	8E	160.265 0.0 0.0	220.000 160.265 380.265	41.481 0.217 6.556		Vel = 7.56	
28 to 29	0.0 336.7	4.266 150.0 0.0172		0.0 0.0 0.0	5.000 0.0 5.000	48.254 6.000 0.086		** Fixed Loss = 6 Vel = 7.56	
29 to 30	0.0 336.7	4.266 150.0 0.0172	3E T	60.1 40.066 0.0	10.000 100.166 110.166	54.340 0.0 1.899		Vel = 7.56	
30 to 31	250.00 586.7	6.134 150.0 0.0082	3E T	67.059 47.899 0.0	220.000 114.960 334.960	56.239 -0.866 2.752		Qa = 250 Vel = 6.37	
31 to 32	0.0 586.7	6.357 120.0 0.0104	B S 3E	12.573 40.235 52.808	16.500 105.616 122.116	58.125 0.0 1.274		Vel = 5.93	
	0.0 586.70					59.399		K Factor = 76.12	