

Permit #:	BD20-5994	Status:	Finald
Permit Type:	Residential Single Family	Applied:	11/25/2020
Description:	Build custom home - 1830/691 sf	Issued:	8/11/2021
Subdivision:	LOS CERRITOS	Finald:	8/2/2022
Situs:	403 NILES AV	Expired:	
Parcel #:	011-091-012-000	Valuation:	\$223,757.50
Land Use:	undefined	Square Feet:	1830
Plan Area:	IN	Stated Value:	

Applicant Information

Applicant: SCOTT WILLIAMS

Owner Information

Owner: SLW AND ASSOCIATES

Contractor Information

Contractor:

Address:

License #:

Phone:

Citywide Parks Fee - Infill (Deferrable):	\$2,529.00
HWY65JPA - Infill:	\$283.63
Neighborhood Parks Fee - Infill (Deferrable):	\$1,354.00
Planning Plot Plan Review:	\$165.00
SPRTA - Infill Credit:	(\$160.00)
Strong Motion Tax:	\$29.09
Technology Fee - Issuance:	\$49.89
TMF - Infill (Deferrable):	\$6,135.06
Water Use Fee:	\$75.00
Building Admin Fee:	\$394.96
Domestic Meter:	\$521.36
Residential Local Sewer Connection Fee (Deferrable):	\$401.00
SPRTA - Infill:	\$1,460.00
City/County TMF - Infill:	\$72.80
Drainage Mitigation Low Density - PGC - Infill:	\$562.00

General Plan Update Fee:	\$112.00
Residential Regional Sewer Connection Fee (Deferrable):	\$8,669.00
Residential Water Connection Fee (Deferrable):	\$10,416.00
Solid Waste Impact:	\$410.00
Technology Fee - Admin Fee:	\$52.35
Building Permit Fee:	\$1,663.01
Building Standards Fee:	\$9.00
Consultant Deposit Account:	\$1,184.90
Electric Backbone Development (Deferrable):	\$510.51
Placer County Capital Facilities SFD (Number of Units):	\$2,284.06
<hr/> Total Payments:	<hr/> \$39,183.62

SAMPLE



Development Services Department
 Building Division
 311 Vernon Street
 Roseville, California 95678-2649
 (916) 774-5332 • Fax (916) 774-5394

Property Owner Declarations

PROJECT INFORMATION	
Property Address:	403 Niles
Name of Property Owner:	SLW & Associates
Phone Number of Property Owner:	
Email Address of Property Owner:	
Work Description:	New SFR

LEAD BASED PAINT

WARNING: Structures built prior to 1978 may contain lead-based paint. The Owner/Contractor understands and agrees that an EPA Certified Firm shall be used for the disturbance of any painted surfaces or materials.

PERMIT HOLDER OF RECORD

This permit is to be issued in the name of the Licensed Contractor or the Property Owner as the permit holder of record who will be responsible and liable for the construction.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' State License Law for the reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Section 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' State License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure 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 all of or portions of the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the 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 it was not built or improved for the purpose of sale.).

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

I am exempt from licensure under the Contractors' State License Law for the following 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 Web site: <http://www.leginfo.ca.gov/calaw.html>.


Signature of Property Owner or Authorized Agent: _____

Date: 9-22-2020

APPLICANT'S DECLARATION

By my signature below, I certify to each of the following:

- I am the property owner or authorized to act on the property owner's behalf.
- I have read this application and the information I have provided is correct.
- I agree to comply with all applicable city and county ordinances and state laws relating to building construction.
- I authorize representatives of this city or county to enter the above-identified property for inspection purposes.

Signature of Property Owner or Authorized Agent: 

Date: 9-22-2020

Save As

Clear

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SAMPLE



Development Services Department
 Building Division
 311 Vernon Street
 Roseville, California 95678-2649
 (916) 774-5332 • Fax (916) 774-5394

Notice to Property Owner

PROJECT INFORMATION	
Property Address:	403 Niles
Name of Property Owner:	SLW & Associates
Phone Number of Property Owner:	
Email Address of Property Owner:	
Work Description:	New SFR

Dear Property Owner:

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified at 403 Niles.

Per section 19825 of the Health and Safety Code we are providing you with an Owner-Builder Acknowledgment and Information Verification Form to make you aware of your responsibilities and possible risk you may incur by having this permit issued in your name as the Owner-Builder.

We will not issue a building permit until you have read, initialed your understanding of each provision, signed, and returned this form to us at our official address indicated. An agent of the owner cannot execute this notice unless you, the property owner, obtain the prior approval of the permitting authority.

OWNER'S ACKNOWLEDGMENT AND VERIFICATION OF INFORMATION

DIRECTIONS: Read and initial each statement below to signify you understand or verify this information.

gr 1. I understand a frequent practice of unlicensed persons is to have the property owner obtain an "Owner-Builder" building permit that erroneously implies that the property owner is providing his or her own labor and material personally. I, as an Owner-Builder, may be held liable and subject to serious financial risk for any injuries sustained by an unlicensed person and his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an Owner-Builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

gr 2. I understand building permits are not required to be signed by property owners unless they are responsible for the construction and are not hiring a licensed Contractor to assume this responsibility.

gr 3. I understand as an "Owner-Builder" I am the responsible party of record on the permit. I understand that I may protect myself from potential financial risk by hiring a licensed Contractor and having the permit filed in his or her name instead of my own.

gr 4. I understand Contractors are required by law to be licensed and bonded in California and to list their license numbers on permits and contracts.

gr 5. I understand if I employ or otherwise engage any persons, other than California licensed Contractors, and the total value of my construction is at least five hundred dollars (\$500), including labor and materials, I may be considered an "employer" under state and federal law.

gr 6. I understand if I am considered an "employer" under state and federal law, I must register with the state and federal government, withhold payroll taxes, provide workers' compensation disability insurance, and contribute to

unemployment compensation for each "employee." I also understand my failure to abide by these laws may subject me to serious financial risk.

SN 7. I understand under California Contractors' State License Law, an Owner-Builder who builds single-family residential structures cannot legally build them with the intent to offer them for sale, unless all work is performed by licensed subcontractors and the number of structures does not exceed four within any calendar year, or all of the work is performed under contract with a licensed general building Contractor.

SN 8. I understand as an Owner-Builder if I sell the property for which this permit is issued, I may be held liable for any financial or personal injuries sustained by any subsequent owner(s) that result from any latent construction defects in the workmanship or materials.

SN 9. I understand I may obtain more information regarding my obligations as an "employer" from the Internal Revenue Service, the United States Small Business Administration, the California Department of Benefit Payments, and the California Division of Industrial Accidents. I also understand I may contact the California Contractors' State License Board (CSLB) at 1-800-321-CSLB (2752) or www.cslb.ca.gov for more information about licensed contractors.

SN 10. I am aware of and consent to an Owner-Builder building permit applied for in my name, and understand that I am the party legally and financially responsible for proposed construction activity at the following address:

SN 11. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern Owner-Builders as well as employers.

SN 12. I agree to notify the issuer of this form immediately of any additions, deletions, or changes to any of the information I have provided on this form.

Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors' State License Board may be unable to assist you with any financial loss you may sustain as a result of a complaint. Your only remedy against unlicensed Contractors may be in civil court. It is also important for you to understand that if an unlicensed Contractor or employee of that individual or firm is injured while working on your property, you may be held liable for damages. If you obtain a permit as Owner-Builder and wish to hire Contractors, you will be responsible for verifying whether or not those Contractors are properly licensed and the status of their workers' compensation insurance coverage.

Before a building permit can be issued, this form must be completed and signed by the property owner and returned to the agency responsible for issuing the permit.

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy.

Signature of Property Owner: _____

Date: 9-22-2010

AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNER'S BEHALF

Excluding the Notice to Property Owner, the execution of which I understand is my personal responsibility, I hereby authorize the following person(s) to act as my agent(s) to apply for, sign, and file the documents necessary to obtain an Owner-Builder Permit for my project.

Scope of Construction Project (of Description of Work): _____

Project Location or Address: _____

Name of Authorized Agent: _____

Address of Authorized Agent: _____

Phone Number of Authorized Agent: _____

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy.

Signature of Property Owner: _____

Date: _____

Save As

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Print



Development Services Department
311 Vernon Street
Roseville, California 95678-2649
(916) 774-5332 • Fax (916) 774-5394

Electronic/Digital Signature Disclosure

I understand and agree that (i) electronically signing and submitting any document(s) to the City of Roseville legally binds me in the same manner as if I had signed in a non-electronic or non-digital form, and (ii) the electronically stored copy of my signature, any written instruction or authorization and any other document provided to me by the City of Roseville, is considered to be the true, accurate and legally enforceable record in any proceeding to the same extent as if such documents were originally generated and maintained in printed form. I agree not to contest the admissibility or enforceability of the City of Roseville's electronically stored copy of any other documents.

By using the system to electronically sign and submit any document, I agree to the terms and conditions of this Electronic/Digital Signature Disclosure

Signature: _____

A handwritten signature in black ink, appearing to be the initials "SW".

Date: 9-22-2020

**Placer County Air Pollution Control District
Certification of Compliance with Rule 225
For City of Roseville
Residential Construction**

Placer County Air Pollution Control District

110 Maple Street, Auburn, CA 95603

(530) 745-2330

Fax (530) 745-2373

www.placer.ca.gov/apcd

California Building Code requirements and Rule 225, Wood Burning Appliances, adopted by the Placer County Air Pollution Control District require that wood burning appliances meet certain standards and conditions.

Residential building permit applicants are required to certify to their understanding and compliance with the standards and conditions stated herein. Please complete this certification of compliance.

Facility Information

Applicant Name

SLW and Associates

Project / Business / Facility Address

403 Niles

APN

011091012

1. **Wood Burning Appliances:** Wood burning appliances (e.g. stoves, inserts, and fireplaces) installed by the applicant in a new or renovated single family residences shall be listed in the *List of EPA Certified Wood Heaters*, or otherwise be certified to meet Phase II or later emission standards set by U.S. EPA New Source Performance Standards (40 CFR Part 60, subpart AAA, Standards of Performance for New Residential Wood Heaters). [2010 CalGreen Code; District Rule 225, Wood Burning Appliances]
2. **Single Family Residences with More Than One Wood Burning Appliance:** Where the applicant is installing more than one (1) wood burning appliance (e.g. stove, fireplace, or insert), indoors or outdoors, then the aggregate emission rate (or sum of the emission rates) of all units at the residence shall not exceed 7.5 g/hr. For example, if the applicant wishes to install two stoves within the residence and one stove is certified to 2.5 g/hr. (grams per hour) for particulate matter and the second stove is certified to 3.0 g/hr., then the aggregate emission rate is 5.5 g/hr. Since the aggregate emission rate is below 7.5 g/hr. then this would be allowed. [District Rule 225, Wood Burning Appliances]
3. **Multiple Unit Residential Developments:** For multi-family developments, wood burning appliances, (e.g. stoves inserts and fireplaces) and pellet stoves are not allowed within the residential units. Wood burning appliances may only be installed in common areas and must be certified to meet EPA Phase II or later emission standards. [District Rule 225, Wood Burning Appliances]

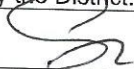
Information Resources:

Information on wood burning appliance requirements; a copy of District Rule 225, Wood Burning Appliances; and a link to the *List of EPA Certified Wood Heaters*, are available on the District web site, www.placer.ca.gov/apcd. You may contact the District at (530) 745-2330 for more information.

APPLICANT SIGNATURE

I affirm that I have read and understood the above requirements of Placer County Air Pollution Control District rules and acknowledge it is my responsibility to ensure this project meets the requirements noted herein. I further understand that compliance is enforceable by the District.

Applicant Signature



Date

9-22-2020

Save As

Clear

Print

CERTIFICATION OF DEVELOPMENT FEES

Roseville City School District 400 Derek Pl. Ste-G Roseville, CA 95678 916-782-5289 <input checked="" type="checkbox"/>	Roseville Joint Union High School District 2 Tiger Way #2 Roseville, CA 95678 (916) 782 4707 <input checked="" type="checkbox"/>	Center Joint Unified School District 8408 Watt Ave. Antelope, CA 95843 916-338-6309 <input type="checkbox"/>	Dry Creek Joint Elementary School District 8849 Cook RiotoRd. Roseville, CA 95747 916-770-8800 <input type="checkbox"/>	Eureka Union School District 5455 Eureka Rd. Granite Bay, CA 95746 916-791-4939 <input type="checkbox"/>
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Please contact the applicable school districts to pay school development fees.

PROPERTY LOCATION	
Property Address: 403 Niles Ave	Lot/Suite Number:
Subdivision Name:	
APN: 011-091-012-000	

PROPERTY OWNER INFORMATION
Property Owner: SLW and Associates
Address:

APPLICANT INFORMATION
Contact Name: Scott Williams
Company Name: SLW and Associates
Address:
Phone Number:
Applicant Signature:
Email Address:
Date: 11-18-2020

PROJECT INFORMATION COMPLETED BY CITY OF ROSEVILLE	
Building Type: Residential	Notes:
<input checked="" type="checkbox"/> SFD <input type="checkbox"/> Duplex/Halfplex/Condo <input type="checkbox"/> Multifamily - ___ units <input type="checkbox"/> Addition <input type="checkbox"/> Mobile Home	
Master Plan	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt (Remodel/Addition - 500 sq.ft. or less)	
Age Restricted	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Commercial	
<input type="checkbox"/> New	Specific Plan: Choose One
Square Feet of Chargeable Area: 1,830	Record/Permit Number: bd20-5994

Staff Signature:	Date: 8/9/2021
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TO BE COMPLETED BY SCHOOL DISTRICT			
Residential Fee (SF or DU)	(A) Square Feet: 1830	X \$: 2.46	Per Sq. Ft. = \$ 4501.80
	(B) DU's	X \$:	DU's = \$ 0.00
Commercial/Industrial Fee:	(A) Square Feet	X \$:	Per Sq. Ft. = \$ 0.00
Study Area:	Paid <input type="checkbox"/> Choose One	District Permit No.:	
91 RCSD: Choose One	92 EUSD: Choose One	93 DCJSD: Choose One	

Notice to Applicant: Pursuant to Chapter 549, statutes of 1996, this will serve to notify you that the 90-day approval period in which you may protest any imposed fees, description of dedications, reservations or other exactions will begin to run from the approved date as indicated on the building permit which describes the fees, description of dedications, reservations or other exactions.

This certification covers only the amount of square footage or number of dwelling units indicated above. Any modifications to this project will require an amendment to the Mitigation Release. As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 have been complied with by the above signed applicant.


District Signature:	Date: 8-10-21
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Account Codes:	FD	RESC	Y	OBJT	TY	GOAL	FUNC	SCH	L1	L2	L3	Amount
	25	8800	0	8681	98		0000		00	000	00	
	25	8800	0	8681	99		0000		00	000	00	
	25		0	8681			0000		00	000	00	


CERTIFICATION OF DEVELOPMENT FEES

RCSD
 Roseville City School District
 400 Derek Pl. Ste-G
 Roseville, CA 95678
 916-782-5289


 Roseville Joint Union High School District
 2 Tiger Way #2
 Roseville, CA 95678
 (916) 782 4707


 Center Joint Unified School District
 8408 Watt Ave.
 Antelope, CA 95843
 916-338-6309


 Dry Creek Joint Elementary School District
 8849 Cook Riolo Rd.
 Roseville, CA 95747
 916-770-8800


 Eureka Union School District
 5455 Eureka Rd.
 Granite Bay, CA 95746
 916-791-4939

Please contact the applicable school districts to pay school development fees.


PROPERTY LOCATION

Property Address: 403 Niles Ave
 Subdivision Name: _____ Lot/Suite Number: _____
 APN: 0 011-091 -012-000

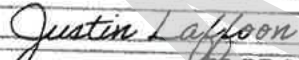
PROPERTY OWNER INFORMATION

Property Owner: SLW and Associates
 Address: _____

APPLICANT INFORMATION

Contact Name: Scott Williams
 Company Name: SLW and Associates
 Address: _____
 Phone Number: _____ Email Address: _____
 Applicant Signature:  Date: 11-18-2020

PROJECT INFORMATION COMPLETED BY CITY OF ROSEVILLE

Building Type: Notes: _____
Residential SFD Duplex/Halfplex/Condo Multifamily - ___ units Addition Mobile Home
 Master Plan Yes No Exempt (Remodel/Addition - 500 sq.ft. or less)
 Age Restricted Yes No
Commercial New Specific Plan: Choose One
 Square Feet of Chargeable Area: 1830 Record/Permit Number: bd20-5994
 Staff Signature:  Date: 8/9/2021

TO BE COMPLETED BY SCHOOL DISTRICT

Residential Fee (SF or DU)
 (A) Square Feet 1830 x \$ 1.62 Per Sq. Ft. = \$ 0.00 2964⁶⁰
 (B) DU's _____ x \$ _____ DU's = \$ 0.00
 Commercial/Industrial Fee:
 (A) Square Feet _____ x \$ _____ Per Sq. Ft. = \$ 0.00
 Study Area: 423 A Paid Check 2601 District Permit No. _____
 91 RCSD Choose One 9804 92 EUSD Choose One 93 DCJSD Choose One

Notice to Applicant: Pursuant to Chapter 549, statutes of 1996, this will serve to notify you that the 90-day approval period in which you may protest any imposed fees, description of dedications, reservations or other exactions will begin to run from the approved date as indicated on the building permit which describes the fees, description of dedications, reservations or other exactions.

This certification covers only the amount of square footage or number of dwelling units indicated above. Any modifications to this project will require an amendment to the Mitigation Release. As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 have been complied with by the above signed applicant.

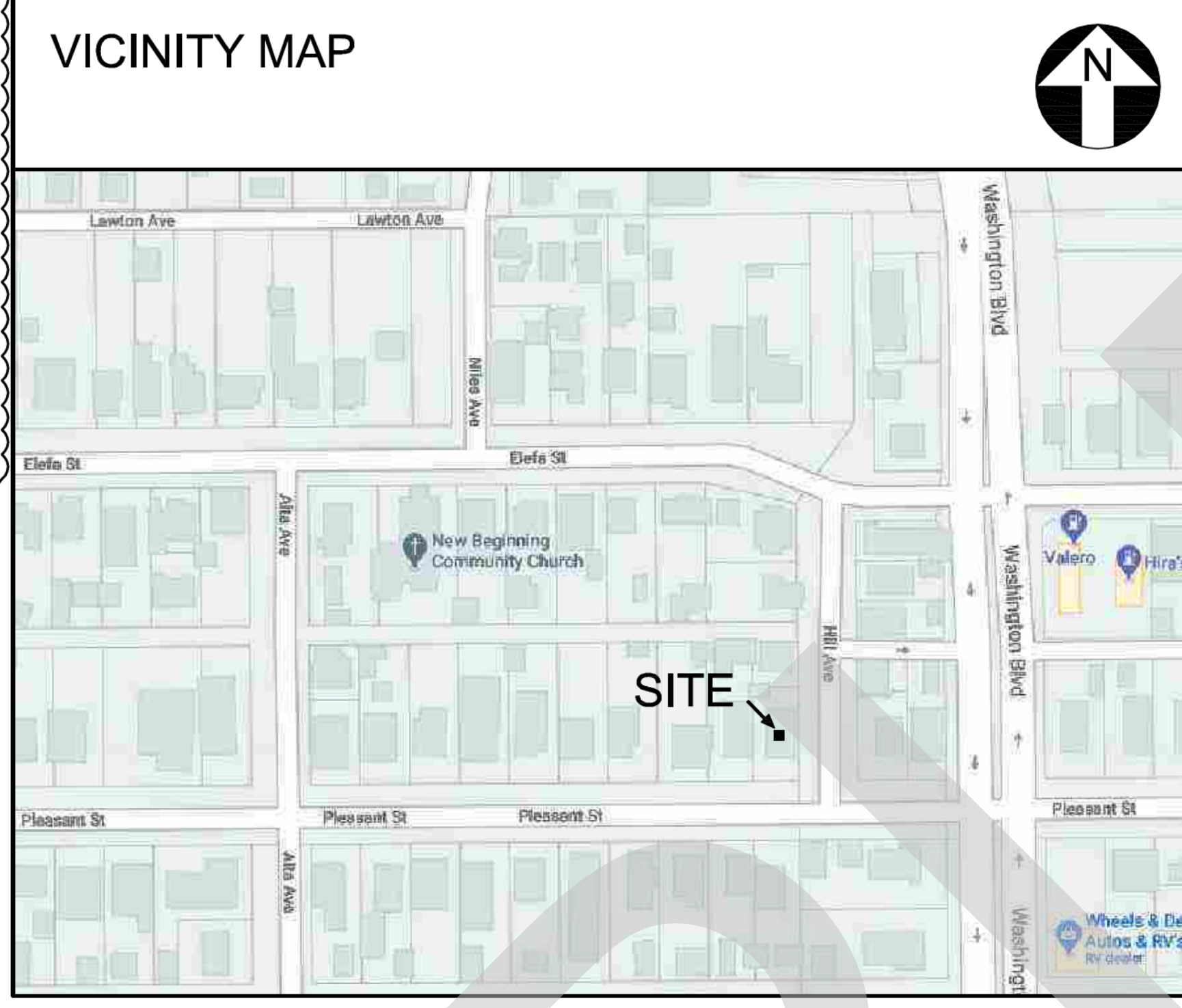
District Signature:  Date: 8/10/2021

Account Codes:

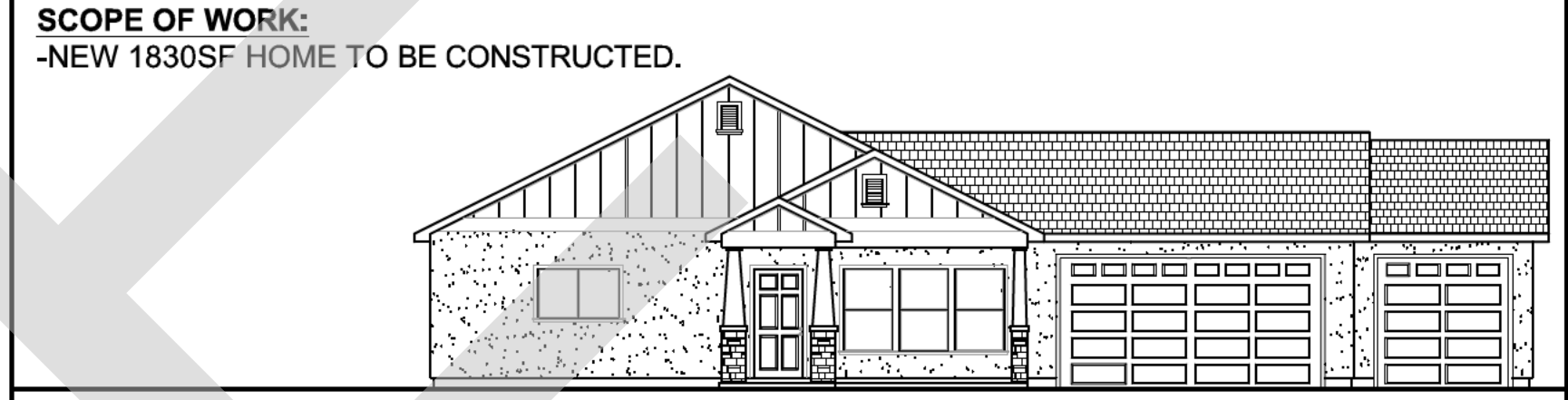
FD	RESC	Y	OBJT	TY	GOAL	FUNC	SCH	L1	L2	L3	Amount
25	8800	0	8681	98		0000		00	000	00	
25	8800	0	8681	99		0000		00	000	00	
25		0	8681			0000		00	000	00	

WASTE MANAGEMENT PLAN NOTE:
 A WASTE MANAGEMENT PLAN IS TO BE SUBMITTED BY THE CLIENT/OWNER/CONTRACTOR BY EMAIL TO SCST@ROSEVILLE.CA.US OR BY FAX TO 916-774-5798. IF THE CLIENT/OWNER/CONTRACTOR HAS QUESTIONS OR NEEDS ASSISTANCE COMPLETING A WASTE MANAGEMENT PLAN; THEY ARE TO CALL 916-774-5780.

AUTOMATIC FIRE ALARM SYSTEM NOTE:
 MODIFICATIONS AND/OR ADDITIONS TO THE AUTOMATIC FIRE ALARM SYSTEM INCLUDED IN THIS PROJECT REQUIRE A SEPARATE CITY OF ROSEVILLE FIRE DEPARTMENT PERMIT.



NEW HOME
403 NILES AVE
ROSEVILLE CA 95678
APN: 011-091-011, LOT A



FOOTAGE

DWELLING AREA	1830 SF
SUB TOTAL LIVING	1830 SF
GARAGE	691 SF
FRONT PORCH	119 SF
GRAND TOTAL	2640 SF

THIS PLAN SET IS DESIGNED TO COMPLY WITH 2019, CRC, CMC, CPC, CEC, CFC, AND 2019 CALIFORNIA ENERGY COMPLIANCE OF TITLE 24. CALIFORNIA BUILDING CODE & 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

CITY OF ROSEVILLE

OCCUPANCY R-3, U
 TYPE OF CONSTRUCTION V-B
 NO. OF STORIES 1
 NO. OF BED ROOMS 4

NO. OF UNITS 1

FIRE SPRINKLER YES

ENERGY COMPLIANCE
 Wall = R-21 Insulation at exterior wall assembly with R-4 rigid foam insulation beneath the stucco system.
 Ac Duct = R8
 Ceiling = R-49 insulation at bottom chord of roof trusses
 Roof Sheathing = Radian barrier under sheathing above top chord of roof trusses and gable ends.

Window U Value = 0.32; SHGC = 0.25
 Hot Water System = Tank Less Gas

Hers inspection of qii (quality insulation) is required.
 Contact hers inspector prior to insulation installation.

Construction Documents
 (Per 2019 CBC Section 1603.1.1 to 1603.1.9)

PROJECT INFORMATION
 Name: Scott Williams
 Address: Niles Avenue, Roseville, CA 95678
 Description: New Construction

STANDARDS
 Allowable Soil Bearing Pressure
 Wood Grade (Unless Noted Otherwise)
 Rebar Grade (Yield Strength)
 Compressive Strength of Concrete

DESIGN LOADS
 Floor LL
 Roof LL / DL
 Ceiling LL / DL
 Snow LL
 Pg (Ground snow load)
 Pf (Flat-roof snow load)
 Ce (Snow exposure factor)
 Risk Category
 Is (Snow importance factor)
 Cs (Slope Factor)
 Ct (Thermal factor)
 I (Rain Intensity)
 Rooftop Mounted Photovoltaic Panels

WIND DESIGN DATA
 Basic Design Wind Speed
 ASD Wind CBC 1609.1.1 Exceptions 4 & 5
 Risk Category
 Surface Roughness Category
 Exposure Category
 GCpi (Internal Pressure Coefficient)
 Max Design Wind Pressure
 H (Mean Roof Height)
 RP (Roof Pitch)

EARTHQUAKE DESIGN DATA
 Seismic Isolated / Dampening System?
 Site Response Analysis required?
 Ground Motion Hazard Analysis required?
 I (Seismic Importance factor)
 Risk Category
 Ss (Spectral Response Acceleration, Short)
 S1 (Spectral Response Acceleration, Long)
 Soil Site Class (D per ASCE 7-16 11.4.3)
 Fa (Site Coefficient)
 Fv (Long Period Site Coefficient)
 SDs (Spectral Response Coefficient, Short)
 SD1 (Spectral Response Coefficient, Long)
 SDC (Seismic Design Category)
 Basic Seismic Force Resisting System
 Design Base Shear
 Cs (Seismic response coefficient)
 R (Response modification factor)
 Analysis Procedure (Simplified/Equivalent)
 Long-Period Transition Period, TL
 Detached One or Two Family Dwelling?
 Project Exempt from Seismic Analysis?
 Number of Stories

qa =	1,500	psf
Grade =	DF No.2	UNO
fy =	60,000	psi
fc =	2,500	psi
LLf =	30/40	psf
LLr / DLr =	20/14	psf
LLr / DLr =	10/10	psf
Ps =	0	psf
Pg =	0	psf
Pf =	0	psf
Ce =	1.0	
Risk =	II	
Is =	1.0	
Cs =	0.9	
Ct =	1.0	
I =	0.18	in/hr
DLp =	3.0	psf
Wsp =	95	mph
Wasd =	73.6	mph
Risk =	II	
Surface =	B	
Exp w =	B	
Gcpi =	0.18	
P =	15.74	
H =	18.92	ft
RP =	6	:12
Is =	No	
Risk =	II	
Ss =	0.439	g
S1 =	0.221	g
Site =	D	
Fa =	1.449	
Fv =	2.158	
SDs =	0.424	g
SD1 =	0.318	g
SDC =	C	
Type =	Light Frame Wood	
Vs =	0.065	* W
Cs =	0.065	
R =	6.5	
Type =	Equivalent Lateral	
TL =	8	
1/2 =	Yes	
Exempt =	Yes	
# Stories =	1	

SHEET INDEX

A1.1	PROJECT DATA	SE1	SHEARWALL
A1.2	Construction Document	SE2	FOUNDATION
AG1	Calgreen Compliance	SE3	FRAMING
AG2	Calgreen Compliance	S-D	STRUCTURAL DETAILS
AG3	Calgreen Compliance	S-N	STRUCTURAL NOTES
A2	SITE PLAN	WSW1	STRONG-WALL® WSW ANCHORAGE DETAILS ENGINEERED DESIGNS
A3	FLOOR PLAN	WSW2	STRONG-WALL® WSW FRAMING DETAILS ENGINEERED DESIGNS
A4	NOT USED		
A5	ELEVATION	WSW4	STRONG-WALL® WSW PORTAL SYSTEM FRAMING DETAILS ENGINEERED DESIGNS
A6	NOT USED		
A7	SECTION		
E1	ELECTRICAL		
M1	MECHANICAL		
P1	GAS LINE SCHEMATIC		
T24.1	ENERGY CALCULATION		
T24.2	ENERGY CALCULATION		
FP1	FIRE SPRINKLER PLAN		
FP2	FIRE SPRINKLER PLAN		

PV PLANS

1	COVER SHEET
2	ROOF PLAN
3	SINGLE LINE DIAG
4	SAFETY LABEL REQUIREMENTS
5	SITE PLAN
6	MOUNTING DETAILS
7	SOLAR PANEL ROOF MOUNT OPTIONS
8	ROOF MOUNT ACCESSORIES & CUT SHEET
9	CUT SHEETS

Fineline
 DRAFTING INC.
 www.fineline-drafting.com

1st plan check
 2-25-21

NEW HOME
 403 NILES AVE
 ROSEVILLE CA 95678
 APN: 011-091-011, LOT A

PROJECT NAME

COVER SHEET

SHEET TITLE

OWNER-CONTRACTOR
SLW & Associates
 Contact: Scott Williams

PROJECT 18-067
 DATE 2/25/2021
 DESIGNER JC
 Sheet

A1.1

Client: Scott Williams
Niles Avenue
Roseville, CA 95678

Date: September 18, 2020
File: RL2-623-2300

Project: New Construction
Niles Avenue
Roseville, CA 95678

Engineer of Record
Raul Lerma, PE

Lateral Analysis and Vertical Load Member Design

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Lateral Analysis

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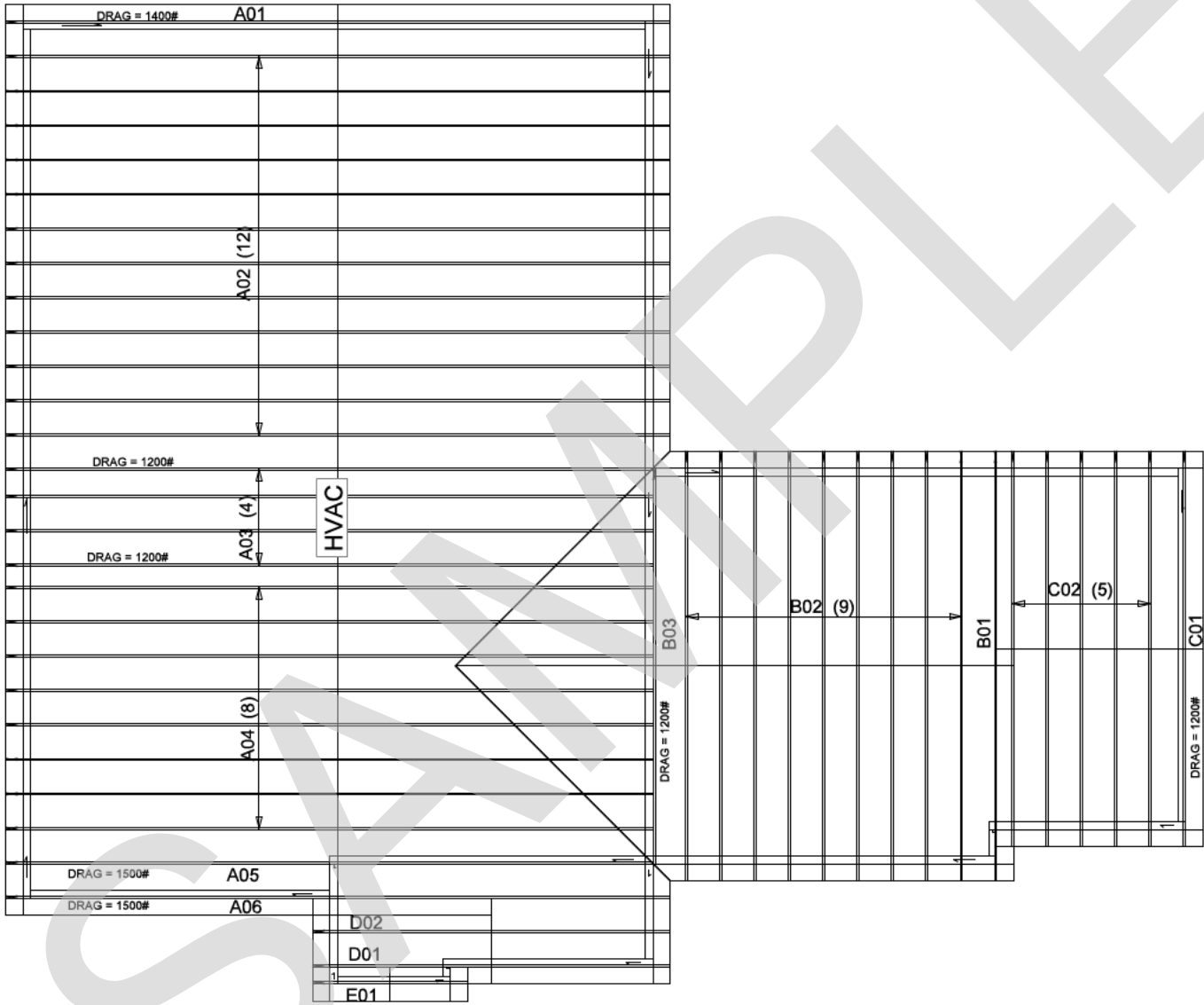
Site Information:	Page 1:
Customer: Diamond Truss	Job Number: 20-626
Job Description: Niles Ave	
Address: Niles Ave., Roseville, CA 95678	

Job Engineering Criteria:	
Design Code: CRC 2019	IntelliVIEW Version: 20.02.00A through 21.01.00A JRef #: 1X5884010002
Wind Standard: ASCE 7-16 Wind Speed (mph): 115	Design Loading (psf): 44.00
Building Type: Closed	

This package contains general notes pages, 14 truss drawing(s) and 4 detail(s).

Item	Drawing Number	Truss
1	130.21.0910.50363	A01
3	130.21.0859.55980	A03
5	130.21.0902.20547	A05
7	130.21.0903.19470	B01
9	130.21.0903.55630	B03
11	130.21.0904.23807	C02
13	130.21.0910.34597	D02
15	A11515ENC160118	
17	GABRST160118	

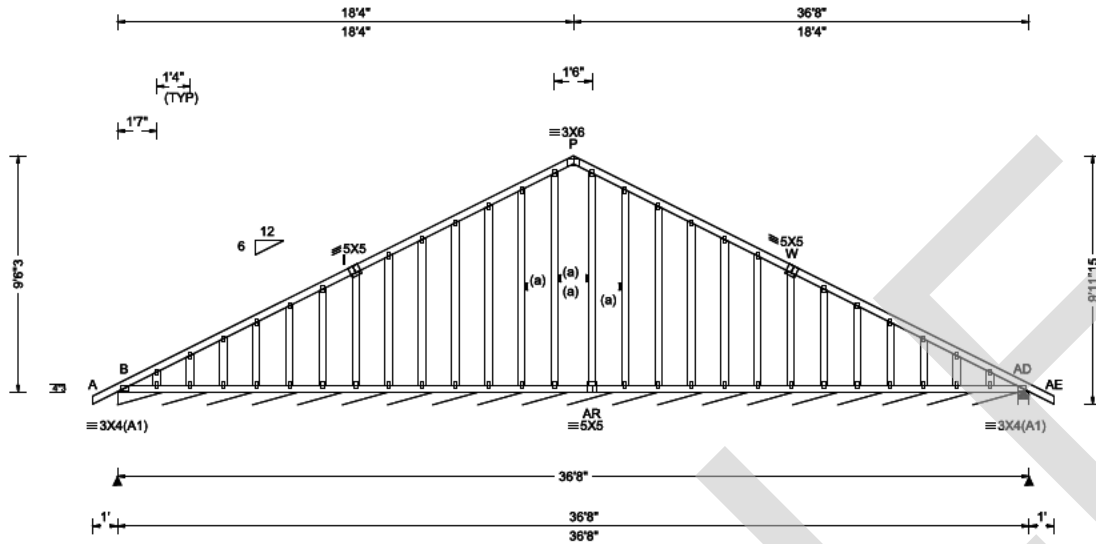
Item	Drawing Number	Truss
2	130.21.0859.50520	A02
4	130.21.0900.01203	A04
6	130.21.0903.02137	A06
8	130.21.0903.49623	B02
10	130.21.0904.21447	C01
12	130.21.0910.31817	D01
14	130.21.0910.39380	E01
16	BRCLBSUB0119	
18	GBLLETIN0118	



JOB:: 20-626
 CUST:: Fine Line Drafting
 ADDRESS:: Niles Ave.

JOB NO:
 20-626

PAGE NO:
 1 OF 1



Loading Criteria (psf) TCLL: 20.00 TCDL: 14.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 44.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.15 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-16 Speed: 115 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.67 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: 20.0 Ct: 1.0 CAT: II Pf: 14.0 Ce: 1.0 Lu: - Cs: 1.00 Snow Duration: 1.15 Building Code: CRC 2019 TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/def L/# VERT(LL): 0.007 P 999 240 VERT(CL): 0.007 P 999 240 HORZ(LL): 0.010 X - - HORZ(TL): 0.013 Q - - Creep Factor: 2.0 Max TC CSI: 0.163 Max BC CSI: 0.135 Max Web CSI: 0.233 VIEW Ver: 20.02.00A.1020.21	▲ Maximum Reactions (lbs), or *PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B* 170 /- /- /78 /28 /12 AD 368 /- /- /505 /320 /- B /-319 Wind reactions based on MWFRS B Brg Width = 434 Min Req = - AD Brg Width = 5.5 Min Req = 1.5 Bearings B & AD are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - I 750 -797 P - W 362 -391 I - P 362 -391 W -AD 750 -797
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Lumber
Top chord 2x4 DF-L #2(g)
Bot chord 2x4 DF-L #2(g)
Webs 2x4 DF-L Standard(g)
Lumber shall be dried to a maximum moisture content of 19% prior to installation.

Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
Connectors in green lumber (g) designed using NDS/TPI reduction factors.
All plates are 1.5X3 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
Uplift connections required. See uplifts in R- and U columns of Maximum Reactions table.
See DWGS A11515ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

Diamond Truss
4525 Hammon Road W
Marysville CA 95901
(530)743-7494



8801 Folsom Blvd., Suite 107
Sacramento, CA 95826

Client: Scott Williams
Niles Avenue
Roseville, CA 95678

File: RL2-623-2300

Project: New Construction
Niles Avenue
Roseville, CA 95678

Engineer of Record
Raul Lerma, PE

Subject: Truss Calculations

The truss calculations and configurations completed by Diamond Truss have been reviewed and are in general compliance with the requirements of the structural calculations and specifications for this project.

If you have any questions regarding the abovementioned project, please do not hesitate to contact me at the phone number above.

Raul Lerma, PE

ELECTRICAL LOAD WORKSHEET

Project address: NILES AVE- APN: 011-091-011, LOT A Date: 5/5/2021

Phone: _____ Gas Furnance: Yes No Building Footage: 2640 SF

Rating of:		Watts	x	%	=	Total (a)	
Electric Furnace	NPR(Name Plate Rating)	_____	x	0.65	=	<u>0</u>	
Air Conditioning	NPR	<u>5060</u>	x	1.00	=	<u>5060</u>	
Heat Pump	NPR	_____	x	1.00	=	<u>0</u>	
Heater rating (Less than 4 rooms)		_____	x	0.65	=	<u>0</u>	TOTAL (a)
Heater rating (Less than 4 rooms) Load St		_____	x	1.00	=	<u>0</u>	

Quantity		Watts			
<u>2640</u>	Sq. Ft. x 3 watts per sq. ft.	=	<u>7920</u>		
<u>9</u>	20 amp appliance circuits @ 1500 watts ea.	=	<u>13500</u>		
<u>1</u>	Ranges NPR	=	<u>1800</u>		
<u>1</u>	Ovens NPR	=	<u>3500</u>		
<u>1</u>	Cooking Units NPR	=	<u>3500</u>		
	Water heater (elec) NPR	=	<u>0</u>		
<u>1</u>	Water heater (gas) NPR	=	<u>100</u>		
<u>1</u>	Dishwasher NPR	=	<u>3500</u>		
<u>1</u>	Garbage Disposal NPR	=	<u>1610</u>		
<u>1</u>	Washer NPR	=	<u>3500</u>		
<u>1</u>	Dryer NPR	=	<u>3500</u>		
<u>1</u>	Motor Loads NPR	=	<u>1800</u>		
<u>1</u>	EV Charger NPR	=	<u>7680</u>		
	Sub panel Total (from below)	=	<u>0</u>		
	Subtotal	=	<u>51910</u>		
	Less (-)	=	<u>10,000</u>		<u>10,000</u>
	Watts = Volts x Amps	Total =	<u>41,910</u> x 0.40 =		<u>16764</u>
			Grand Total (watts)		<u>31,824</u>

Grand Total (watts) 31,824 ÷ 230 Volts = **138 Service Load (Amps.)**

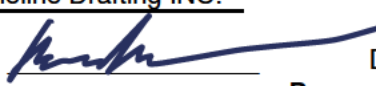
SUB-PANNEL TO BE INSTALLED YES NO Quantity _____

AMP rating _____ Wire size _____

Motor loads	NPR	=	<u>0</u>
Other loads	NPR	=	<u>0</u>
Other loads	NPR	=	<u>0</u>
Sub panel total		=	<u>0</u>

Home owner/Designer _____

Name Fineline Drafting INC.

Signature  Date _____

Proposed Main Panel Size = 200Amp



City of Roseville Fire Flow Request

316 Vernon Street, Suite 480
Roseville, CA 95678

Email completed form to: FireFlow@Roseville.ca.us

Project Name: <u>New Home</u>	Date: <u>11/05/2020</u>
Project Address: <u>403 Niles Ave.</u>	
Major Cross Street: <u>Niles Ave. & Elefa St.</u>	
<input checked="" type="checkbox"/>	Residential Single Family Detached 1500 gpm
<input type="checkbox"/>	Commercial Building / Multi-Family Unit Structure <10,000 sq. ft. 2500 gpm
<input type="checkbox"/>	Commercial Building / Multi-Family Unit Structure >10,000 sq. ft. 4000 gpm

Requestor Information	
Name: <u>Morgan Graves</u>	Email: _____
Address: _____	Phone: _____
City: <u>Roseville</u>	Zip: <u>95678</u>

Brief Description of Work Proposed
Automatic Fire Sprinkler System for New Single Family Residence
Automatic Fire Sprinkler System for New Single Family Residence

PLEASE NOTE:

As the design professional, you are urged to utilize conservative design criteria when determining private fire service system requirements. The above information is based on the existing public distribution system and known development at this time. All flow test results noted in this report represent available conditions at the time that the test was conducted. Available flow conditions may be lower during peak water demand periods, and at ultimate city build-out of all specific plan areas currently under development. Pursuant to State of California requirements, a minimum static pressure of 35-PSI is required to be maintained within the public water distribution system at all times within the city.

TO BE COMPLETED BY THE ENVIRONMENTAL UTILITIES DEPARTMENT – ENGINEERING DIVISION:

Using a computer analysis model based upon estimated factors present at city build-out, the Environmental Utilities Department – Engineering Division has determined the following pressures will be available on the 8 inch water main located at the intersection of Elefa Street and Niles Avenue. Please note the fire flow residual pressure is based upon a maximum day demand scenario with a 1,500 gpm fire flow demand from the junction node listed below:

Junction Node	Approx. Elevation (Ft.)	Maximum Day (PSI)	Fire Flow Residual (PSI)
C04-107	170	62	54

Hydraulic Calculations

Project Information

Project Name: NEW HOME
NILES AVE.
ROSEVILLE, CA

Date: 10-26-2020
File #20296

Calculation Area: Garage

Design Criteria

Occupancy Classification: Residential

Construction Type Combustible Non Combustible

Density: .05

Area of Operation: N/A

Area per Sprinkler (x1): 324 sq. ft. max.

Area per Sprinkler (x2): 256 sq. ft. max.

Number of Sprinklers Calculated: 1 Head & 2 Head

Hose Allowance **Domestic Allowance**
0 gpm inside (5) gpm
0 gpm outside

Water Supply:

Static: 45 psi
Residual: 34 psi
Flow: 1061 gpm

Sprinklers

Make: Minimax Concealed Pendent
Size: 1/2"
K=4.9
Temp: 155°

Calculation Summary

No. Spklers. Flowing	Min Spklr. Flow Flow	Press. (psi)	Node No.	Total Flow
1	17.0	12.3	10	22.0
2	13.0	7.2	11	31.0

FIRE SPRINKLER INSTALLATION

MATERIAL SUBMITTAL PACKAGE

PROJECT

**NEW HOME
NILES AVENUE
ROSEVILLE, CA 95678**

**INSTALLING CONTRACTOR
INNOVATIVE FIRE SYSTEMS**

**108 MAIN STREET
ROSEVILLE, CA 95678**

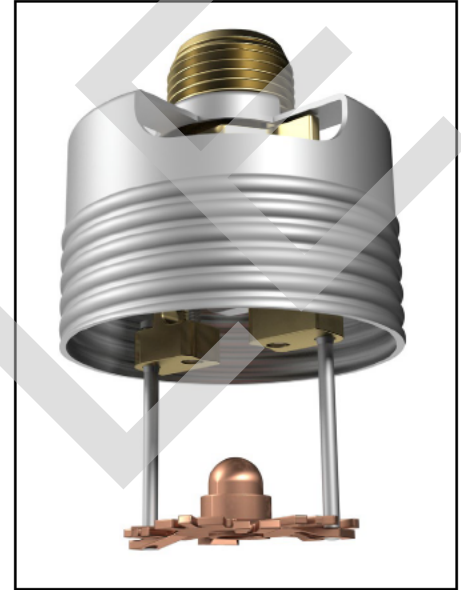
CALF. CONT. LIC. NO. C-16-968518

Technical Data Sheet: MX8494 Residential Concealed Pendent Sprinkler K4.9

1. DESCRIPTION

The Minimax Residential Concealed Pendent Sprinkler MX8494 is a small thermosensitive, glass-bulb residential sprinkler designed for installation on concealed pipe systems where the appearance of a smooth ceiling is desired. The orifice design, with a K-Factor of 4.9 (70.6 metric*), allows the sprinkler's efficient use of available water supplies for the hydraulically designed fire-protection system. The fast response glass bulb operating element and special deflector characteristics meet the challenges of residential sprinkler standards.

The sprinkler is pre-assembled with a threaded adapter for installation with a low-profile small-diameter cover assembly installed flush to the ceiling. The two-piece design allows installation and testing of the sprinkler prior to installation of the cover plate. The "push-on", "thread-off" design of the concealed cover plate assembly allows easy installation of the cover plate after the system has been tested and the ceiling finish has been applied, while also providing up to 1/2" (13 mm) of vertical adjustment. The cover assembly can be removed and reinstalled, allowing temporary removal of ceiling panels without taking the sprinkler system out of service or removing the sprinkler. The Electroless Nickel PTFE (ENT) coating has been investigated for installation in corrosive atmospheres and is C-UL-US-EU Listed as indicated in the Approval Charts. The ENT finish is only available for the sprinkler assembly, the cover plate is not plated.



2. LISTINGS AND APPROVALS

UL Listed (C-UL-US-EU): Category VKKW

Refer to the Approval Charts and Design Criteria for cULus Listing requirements that must be followed.

WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

3. TECHNICAL DATA

Specifications:

Minimum Operating Pressure: Refer to the Approval Chart.

Maximum Working Pressure: 175 psi (12 bar). Factory tested hydrostatically to 500 psi (34.5 bar).

Thread size: 1/2" (15 mm) NPT

Nominal K-Factor: 4.9 U.S. (70.6 metric*)

Glass-bulb fluid temperature rating: to -65 °F (-55 °C)

* Metric K-factor measurement shown is in Bar. When pressure is measured in kPa, divide the metric K-factor shown by 10.0.

Overall Length: 2-1/4" (57 mm)

Material Standards:

Sprinkler Body: Brass UNS-C84400 or QM Brass

Deflector: Phosphor Bronze UNS-C51000

Deflector Pins: Stainless Steel UNS-S30200

Button: Brass UNS-C36000

Pip Cap and Insert Assembly: Copper UNS-C11000 and Stainless Steel UNS-S30400

Compression Screw: 18-8 Stainless Steel

Yoke: Phosphor Bronze UNS-C51000

Bellville Spring Sealing Assembly: Beryllium Nickel Alloy, coated on both sides with PTFE Tape

Cover Adapter: Cold Rolled Steel UNS-G10080, Finish: Clear Chromate over Zinc Plating

Shipping Cap: High Density Polyethylene

Cover Plate Materials:

Cover Plate Assembly: Copper UNS-C11000 and Brass UNS-C26800

Spring: Beryllium Nickel

Solder: Eutectic

Available Finishes and Temperature Ratings:

Finish	Brass	ENT	Refer to Tables 1 and 2 for complete ordering information.
Suffix	A	JN	
Temperature	155 °F (68 °C)	200 °F (93 °C)	
Suffix	B	E	

Ordering Information: (Refer to Table 1.)

**PRESCRIPTIVE COMPLIANCE OPTION
WATER EFFICIENT LANDSCAPE ORDINANCE
CERTIFICATION FOR
DEVELOPER INSTALLED OR HOMEOWNER PROVIDED
LANDSCAPING LESS THAN 2,500 SQ. FT.**

To be completed by property owner:

Project Name: NILES	Contact: Scott Williams
Address: 403 Niles	Phone:

LANDSCAPE DOCUMENTATION PACKAGE CERTIFICATION

"I agree to comply with the prescriptive compliance option allowed by the water efficient landscape ordinance for developer installed or homeowner provided single family or two-family landscaping less than 2,500 square feet, and certify the requirements listed below are provided and will be met."

Owner Name (Print) Scott Williams Signature  Date 9-22-2020

Requirements for the prescriptive compliance option allowed by the water efficient landscape ordinance for developer installed or homeowner provided single family or two-family landscaping less than 2,500 square feet.

Submit a Landscape Documentation Package which includes the following elements (the information can be included with or on the plot plan for production house permits):

- (A) date
- (B) project applicant
- (C) project address (if available, parcel and/or lot number(s))
- (D) total landscape area (square feet), including a breakdown of turf and plant material
- (E) project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)
- (F) water supply type (e.g., potable, recycled, well) and identify the local retail water purveyor if the applicant is not served by a private well
- (G) contact information for the project applicant and property owner
- (H) applicant signature and date with statement, "I agree to comply with the requirements of the prescriptive compliance option to the WELO".

Incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area (unless contra-indicated by a soil test).

Plant material shall comply with all of the following;

- (A) Install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 75% of the plant area excluding edibles and areas using recycled water;
- (B) A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated.

Turf shall comply with all of the following:

- (A) Turf shall not exceed 25% of the landscape area in residential areas;
- (B) Turf shall not be planted on sloped areas which exceed a slope 25%;
- (C) Turf is prohibited in parkways less than 10 feet wide, unless the parkway is adjacent to a parking strip and used to enter and exit vehicles. Any turf in parkways must be irrigated by sub-surface irrigation or by other technology that creates no overspray or runoff.

Irrigation systems shall comply with the following:

- (A) Automatic irrigation controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor and must include a minimum of eight stations.
- (B) Irrigation controllers shall be of a type which does not lose programming data in the event the primary power source is interrupted.
- (C) Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufacturers recommended pressure range.
- (D) Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be installed as close as possible to the point of connection of the water supply.
- (E) All irrigation emission devices must meet the requirements set in the ANSI standard, ASABE/ICC 802-2014. "Landscape Irrigation Sprinkler and Emitter Standard," All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.
- (F) Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

At the time of final inspection, the permit applicant must provide the City and the owner of the property with a certificate of completion, certificate of installation, irrigation schedule and a schedule of landscape and irrigation maintenance.

In addition to this Certification, the plot plan for production house permits shall include the planting area, turf area (and percentage of turf), and the irrigation controller type and model number (including the number of watering stations).

Rev. 5/3/2016

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Clear

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