

existing view at street



existing view at rear



existing aerial view

Existing Site Photos

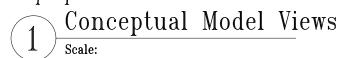
Scale:



proposed view from north



proposed view at interior of main level addition





proposed view at street



proposed view from south



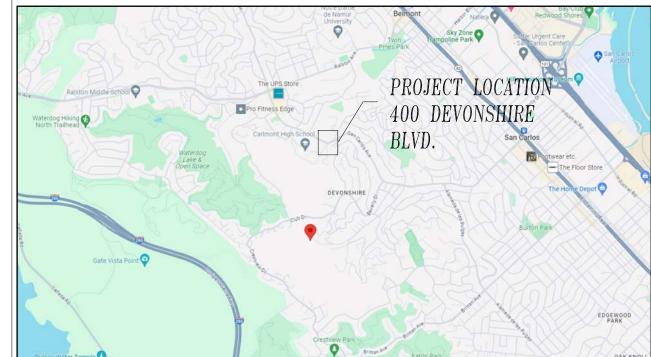
proposed aerial view from south



proposed aerial view from west



proposed aerial view from north



CODE INFORMATION

VICINITY MAP

Applicable Codes:
California Building Code, Residential Code, California
Plumbing Code, California Energy Code, California
Electrical Code,
California Mechanical Code, and California Green
Building Code, all 2022 edition.

Project Data:

Scope of Work:

Reconstruct existing garage, additions to existing main level of approx. 375 square feet, addition to upper level of approx. 60 square feet, addition above upper level of approx. 1000 square feet, renovation of existing retaining walls, decks, interior renovations to kitchen, bathrooms, and hallways.

Existing Building
Construction Type VB Non-Rated

Zoning: R-1/S-71/DR Occupancy: R3/U - Single Family Residential - no sprinklers

Lot Area: 19,952 Square Feet (per topographic survey) Lot Dimensions: irregular – see site survey Area Summary – see area summary this sheet.

Building Department Notes: Deferred submittals:

PROJECT NOTES

1. All ideas, arrangements and plans indicated or represented by these Drawings are owned by, and the property of Greg Klein Architect. The Architect created, evolved and developed these Documents for the sole use concerning this specified Project. None of such ideas, design, arrangements and plans shall be used by or disclosed to any person, firm or corporation for any purpose whatsoever without the written permission of Greg Klein Architect.

2. The intent of these Documents is to show all items necessary to complete the Project. For items, methods and/or materials not shown, the minimum requirements of the 2022 California Building Code shall govern. All work and construction shall comply with all regulations and safety

requirements.
3. The Contractor shall inform the Architect in writing of any discrepancies or omissions noted in the documents. He shall additionally inform the Architect of any variations needed in order to conform to codes, rules and regulations.

conform to codes, rules and regulations.

4. Typical details and notes on these Documents shall apply unless we specifically show or note that otherwise. Details not fully shown or noted shall be similar to details shown for similar conditions.

5. It shall be the Contractor's sole responsibility to design and provide adequate shoring and bracing, etc., as required for the protection of life and property during the construction of this structure.

6. The Architect will not be responsible for any changes in the Drawings or Specifications unless approved before construction.

7. All demolition required not processerily shown on the Drawings. The Contractor shall varify in

7. All demolition required not necessarily shown on the Drawings. The Contractor shall verify in the field and be responsible for all demolition work necessary to complete the Project.

8. All work performed by the Contractor shall conform to California State Titles 19 and 24, and the 2022 Edition of the California Building, Residential, Fire, Plumbing, Mechanical, Electrical, Energy, and Green Building Standards Codes.

9. All dimensions shall be as indicated on the Drawings or as clarified by the Architect:

A. Dimensions shall not be determined by scaling the Drawings.

or other openings, and where noted, clear finish dimensions critical for equipment, casework or other requirements, U.0.N.C. Doors installed adjacent to perpendicular walls shall be located 4-1/2" (3-stud widths) from face of flanking wall studs, U.0.N.

B. Dimensions shown are to face of studs, centerline of columns, or centerline of windows, doors

face of flanking wall studs, U.O.N.

D. The Contractor shall verify all dimensions before preparing shop drawings, fabrication or construction.

10. Alterations and/or rehabilitation of an existing building require that certain assumptions be made regarding existing conditions. Some assumptions may not be verifiable without expending additional sums of money on investigation and/or by destroying otherwise adequate or servicable portions of the building. Therefore, the Architect shall not be held responsible for assumptions and conditions that are unforseen or unverifiable before construction.

11. The Contractor shall take all necessary precautions in protecting areas adjacent to new construction from noise, debris and dust throughout the performance of the Agreement.

DIRECTORY

Building Owner:
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San Carlos, CA
650-592-9247
v_soloviev@yahoo.com

Surveyor:
BGT Land Surveyors
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San Mateo, CA 94401
bgtinfo@bgtsurveying.com
650-212-1030

Architect:
Greg Klein Architect
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Alameda, CA 94501
510-459-6239
gregkleinarchitect@gmail.com

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A100.2 Existing Area Calculations for C3

A100.2 Existing Area Calculations for C3

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SS-1 Topographic Boundary Survey

PROJECT DATA SUMMARY:

400 Devonshire Blvd San Carlos - Soloviev		
Area summary		
12/14/2023		
Zoning:	R-1/S-71/D	R
	code req.	
front setback requirement	20'	proposed setbacks vary-
rear setback requirement	20'	see plans for proposed setbacks
side yard setback requirements	5'	
street side yard setback requirement	10'	
height limit requirement	30'	
site coverage limit 50% of lot area	9,976	bldgs, structures >18" above grade
floor area limit lot size >15,000 sf	4,100	
Existing Areas		
lot area	19,952	combined lot area
main level conditioned area	1,233	
upper level conditioned area	1,115	
total conditioned area	2,348	
unconditioned (garage)	95	495 (- 400 allowed for garage)
unconditioned (covered porch at main level)	30	
total conditioned + unconditioned areas:	2,473	
Proposed areas		area added:
main level conditioned area	1,608	
upper level conditioned area	1,175	60
level 3 conditioned area	1,000	1000
unconditioned (garage)	95	495 (- 400 allowed for garage)
unconditioned (covered porch at main level)	10	20 sf (converted to conditioned)
total conditioned + unconditioned areas:	3,888	
allowable floor area (per zoning limit):	4,100	
Existing and Proposed Site coverage	Proposed	Existing
building footprint	3,850	2,873
decks - stairs to grade	1,325	1,355
driveway	330	330
total coverage	5,505	4,558
allowable coverage = 50% of lot area	9,976	
Building Height:		
existing:	24'-8"	<30'
proposed:	24'-8"	1



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Drawing Title

Title Sheet, Project Data,
Concept Model Views

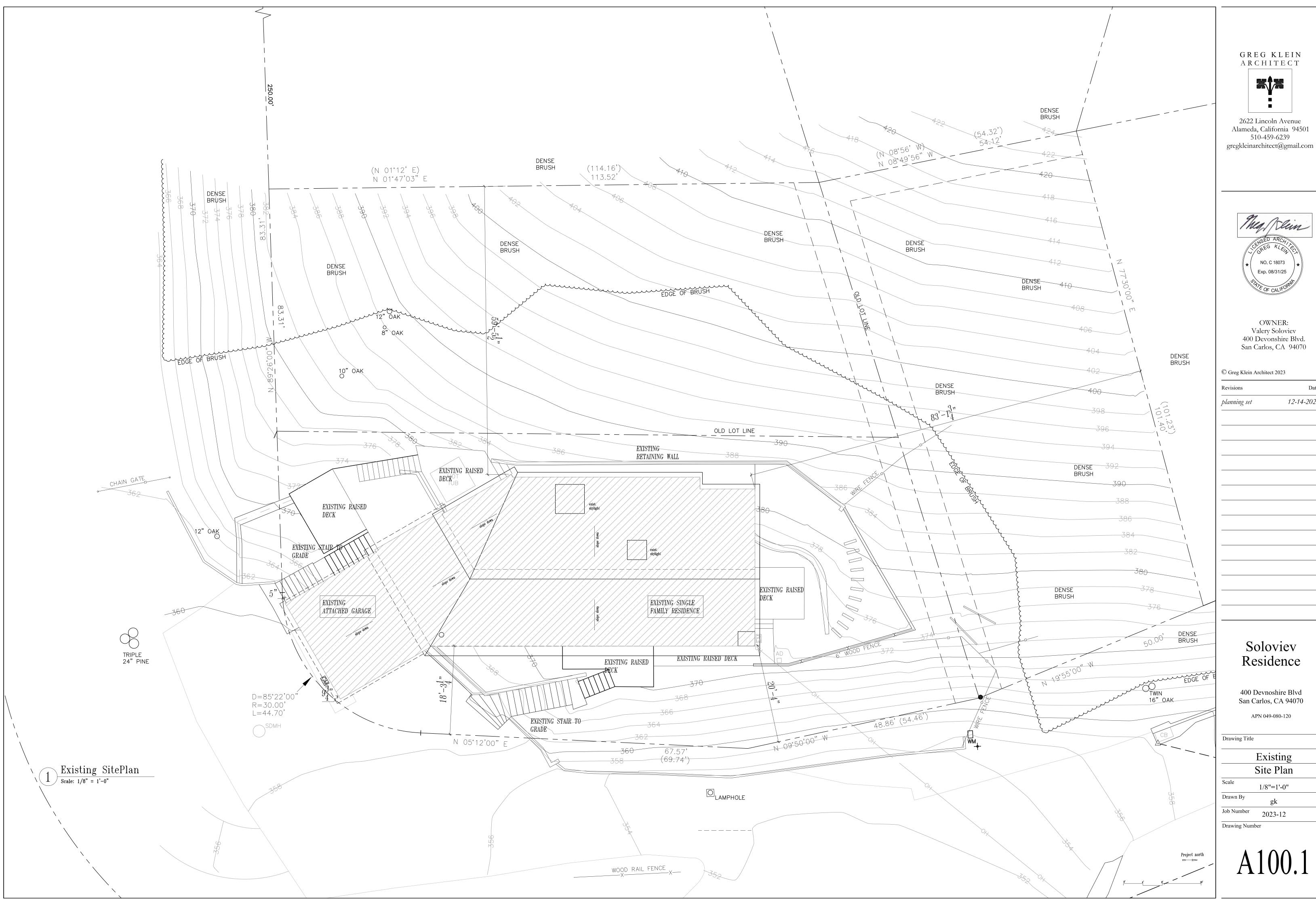
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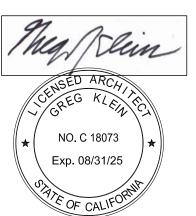
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A001



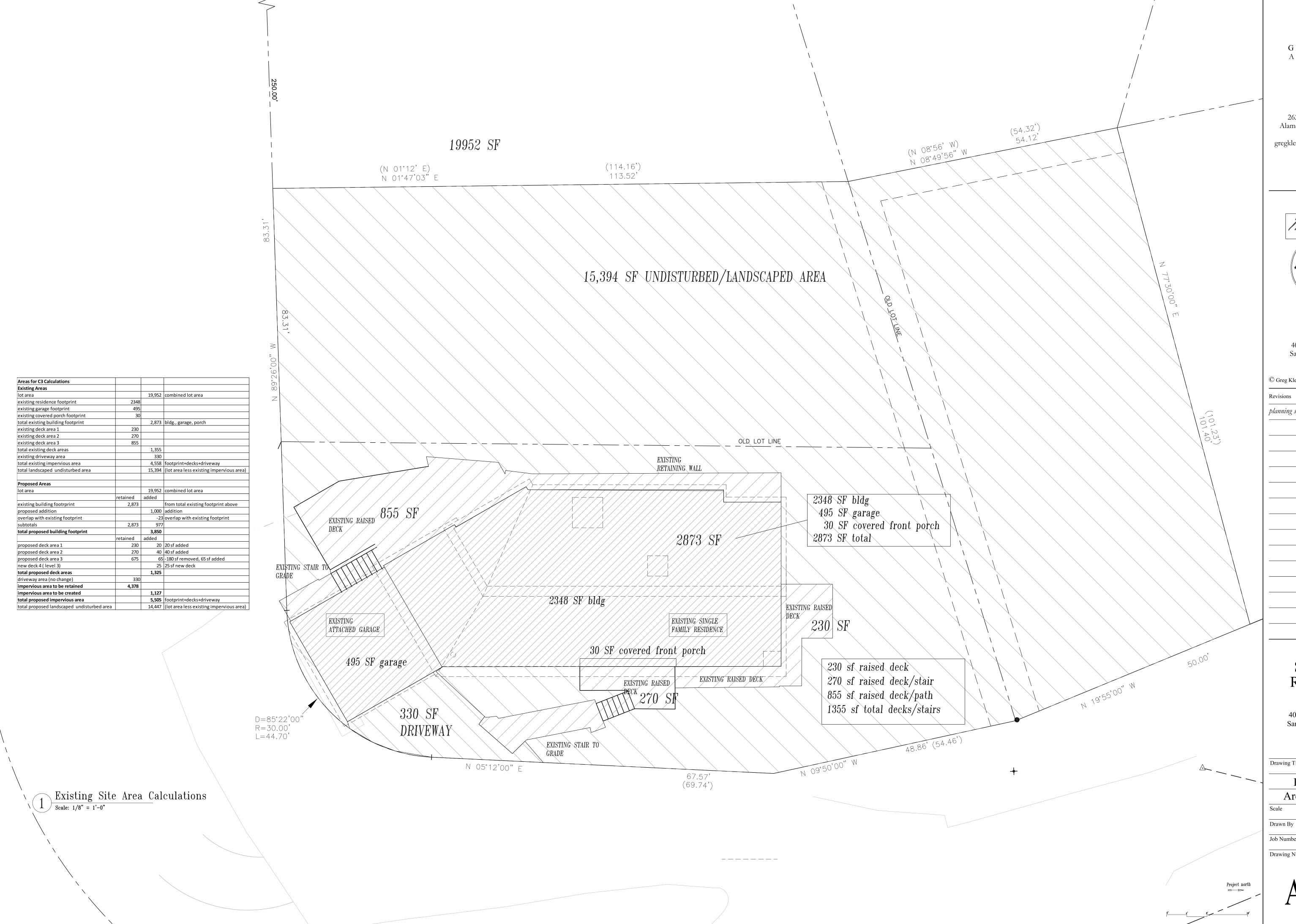


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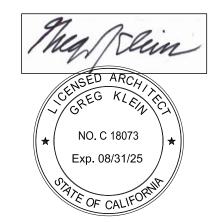
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San Carlos, CA 94070





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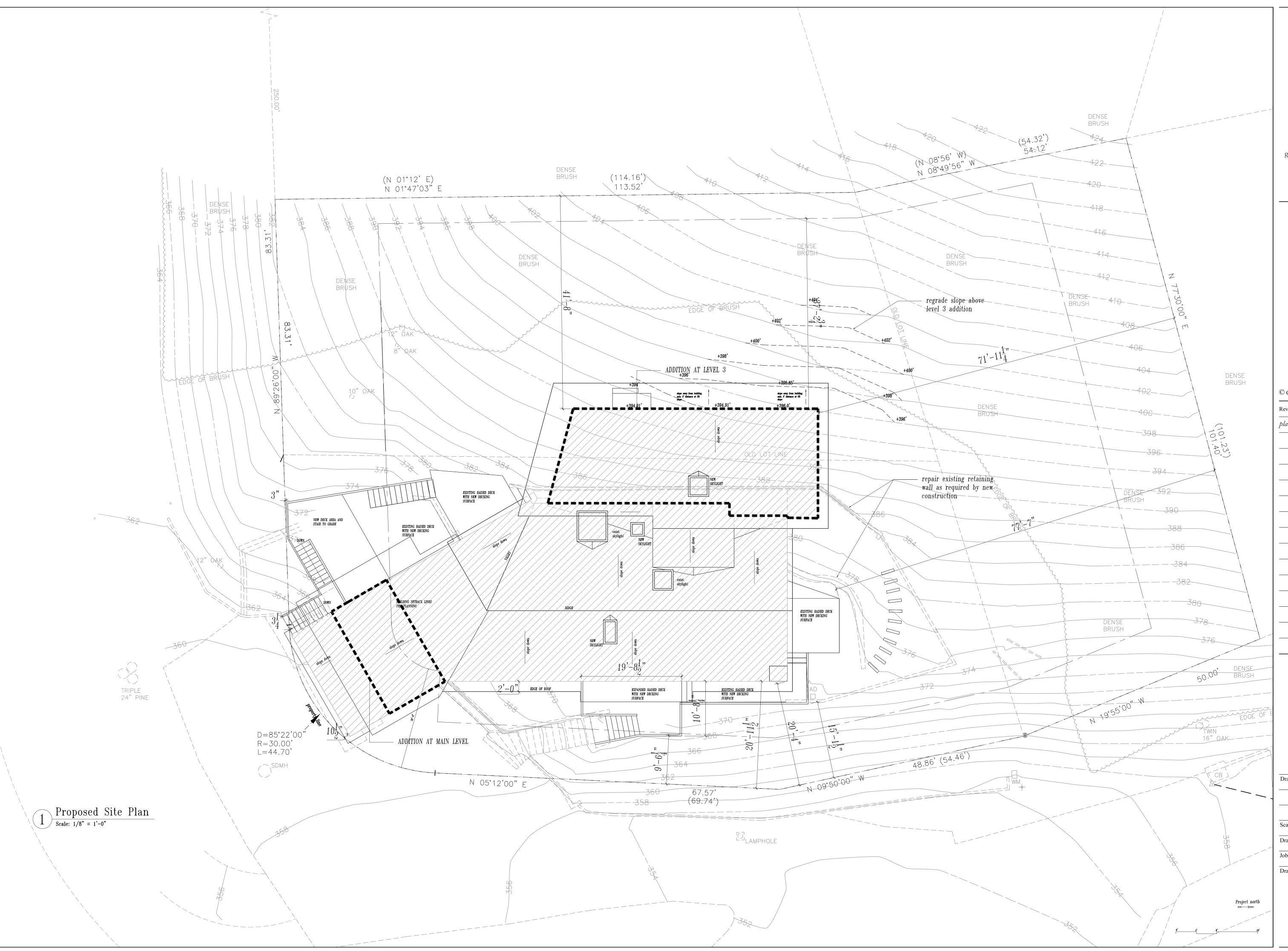
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Drawing Title

Existing Site
Area Calculation

1/8"=1'-0" Job Number 2023-12

Drawing Number





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Revisions Date

planning set 12-14-2023

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400 Devnoshire Blvd San Carlos, CA 94070 APN 049-080-120

Drawing Title

Proposed
Site Plan
1/8"=1'-0"

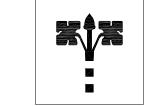
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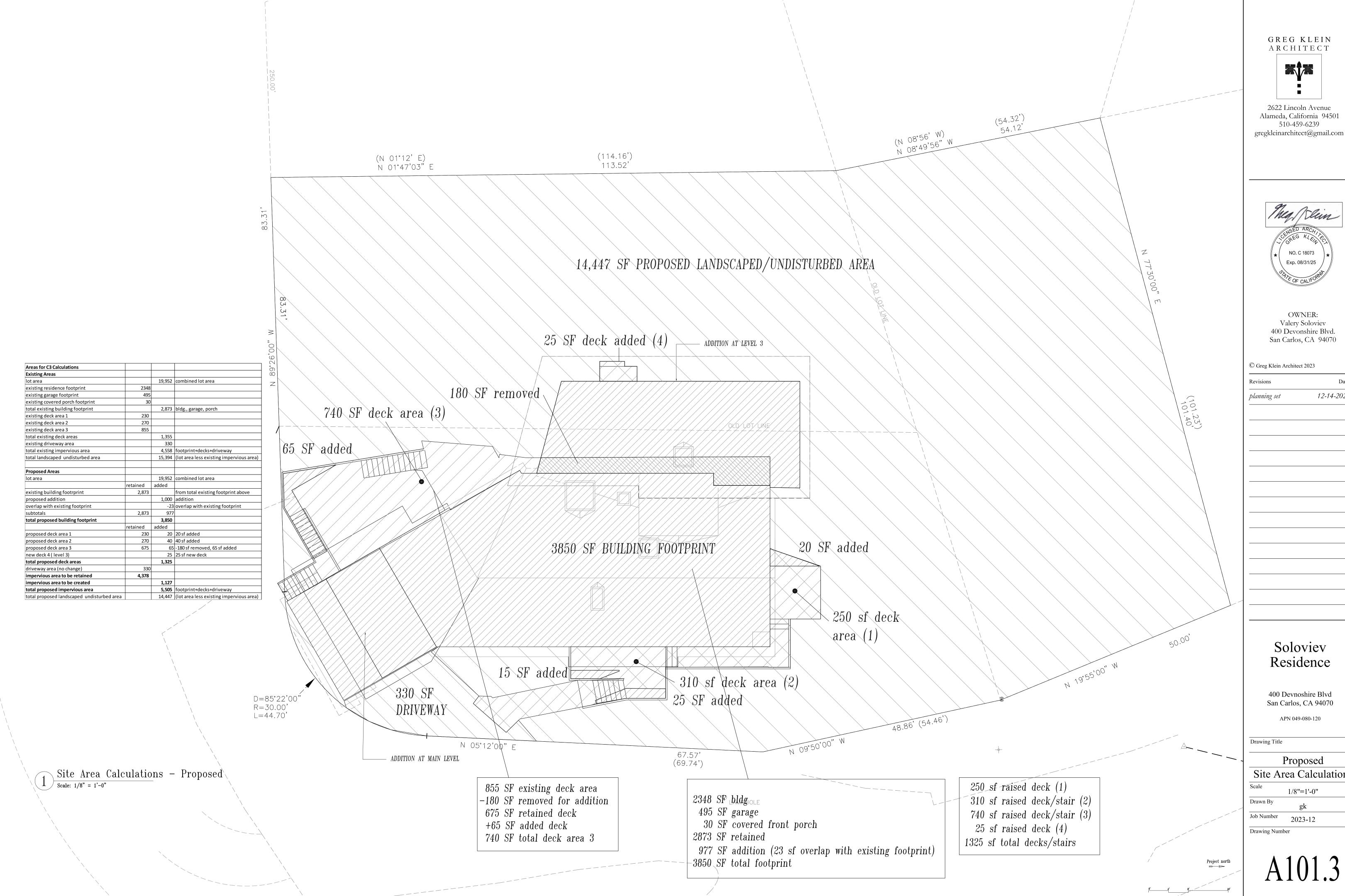
Soloviev Residence

400 Devnoshire Blvd San Carlos, CA 94070 APN 049-080-120

Drawing Title

Erosion Control Plan

Drawn By Job Number 2023-12





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Proposed Site Area Calculations

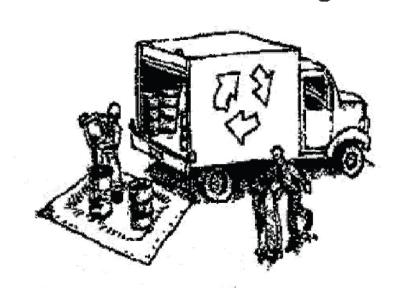


Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

Clean Water, Healthy Community.

Materials & Waste Management



Non-Hazardous Materials

- ☐ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ☐ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- ☐ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ☐ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ☐ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ☐ Arrange for appropriate disposal of all hazardous wastes.

Waste Management

- ☐ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ☐ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ☐ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ☐ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ☐ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

Construction Entrances and Perimeter

- ☐ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ☐ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & **Spill Control**



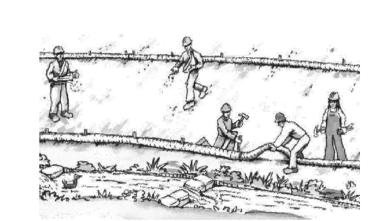
Maintenance and Parking

- ☐ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ☐ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ☐ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ☐ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

- ☐ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ☐ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks
- ☐ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ☐ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ☐ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ☐ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ☐ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earthmoving



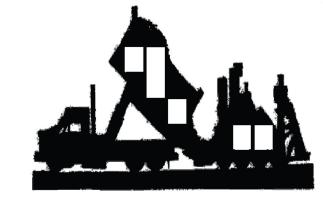
- ☐ Schedule grading and excavation work during dry weather.
- ☐ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ☐ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately
- ☐ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ☐ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

Contaminated Soils

- ☐ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
- Unusual soil conditions, discoloration,
- Abandoned underground tanks.
- Abandoned wells

- Buried barrels, debris, or trash

Paving/Asphalt Work

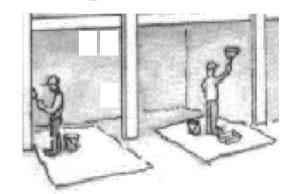


- Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ☐ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ☐ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ☐ Do not use water to wash down fresh asphalt concrete pavement.

Sawcutting & Asphalt/Concrete Removal ☐ Protect nearby storm drain inlets when

- saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ☐ Shovel, abosorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is
- ☐ If sawcut slurry enters a catch basin, clean it up immediately.

Painting & Paint Removal



Painting Cleanup and Removal

Concrete, Grout & Mortar

Application

☐ Store concrete, grout, and mortar away

☐ Wash out concrete equipment/trucks

offsite or in a designated washout

that will prevent leaching into the

☐ When washing exposed aggregate,

and disposed of properly.

area, where the water will flow into a

temporary waste pit, and in a manner

Let concrete harden and dispose of as

prevent washwater from entering storm

gutters, hose washwater onto dirt areas, or

drain onto a bermed surface to be pumped

Landscaping

☐ Protect stockpiled landscaping materials

☐ Stack bagged material on pallets and

☐ Discontinue application of any erodible

landscape material within 2 days before a

forecast rain event or during wet weather.

tarps all year-round.

under cover.

from wind and rain by storing them under

drains. Block any inlets and vacuum

underlying soil or onto surrounding areas.

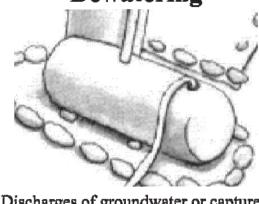
rain, runoff, and wind.

from storm drains or waterways, and on

pallets under cover to protect them from

- ☐ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ☐ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ☐ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ☐ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ☐ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a statecertified contractor.

Dewatering



- ☐ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ☐ Divert run-on water from offsite away from all disturbed areas.
- ☐ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required
- ☐ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

Storm drain polluters may be liable for fines of up to \$10,000 per day!

BEST MANAGEMENT PRACTICES NOTES PER SAN MATEO COUNTY:

Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, wash water or sediments, rinse water from architectural copper, and non-stormwater discharges to storm drains and watercourses. Store, handle, and dispose of construction materials/wastes properly to prevent contact with

Do not clean, fuel, or maintain vehicles on-site, except in a designated area where wash water is contained and treated.

Train and provide instruction to all employees/subcontractors re: construction BMPs. Protect all storm drain inlets in vicinity of site using sediment controls such as berms, fiber rolls, or filters.

Limit construction access routes and stabilize designated access points. Attach the San Mateo Countywide Water Pollution Prevention Program's construction BMP plan sheet to project plans and require contractor to implement the applicable BMPs on the plan

Use temporary erosion controls to stabilize all denuded areas until permanent erosion controls

Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses.

Provide notes, specifications, or attachments describing the following:

Construction, operation and maintenance of erosion and sediment controls, include inspection Methods and schedule for grading, excavation, filling, clearing of vegetation, and storage and

disposal of excavated or cleared material; Specifications for vegetative cover & mulch, include methods and schedules for planting and

Provisions for temporary and/or permanent irrigation.

Perform clearing and earth moving activities only during dry weather. Use sediment controls or filtration to remove sediment when dewatering and obtain all necessary

Trap sediment on-site, using BMPs such as sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for soil stock piles, etc. Divert on-site runoff around exposed areas; divert off-site runoff around the site (e.g., swales and

Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.

GREG KLEIN ARCHITECT

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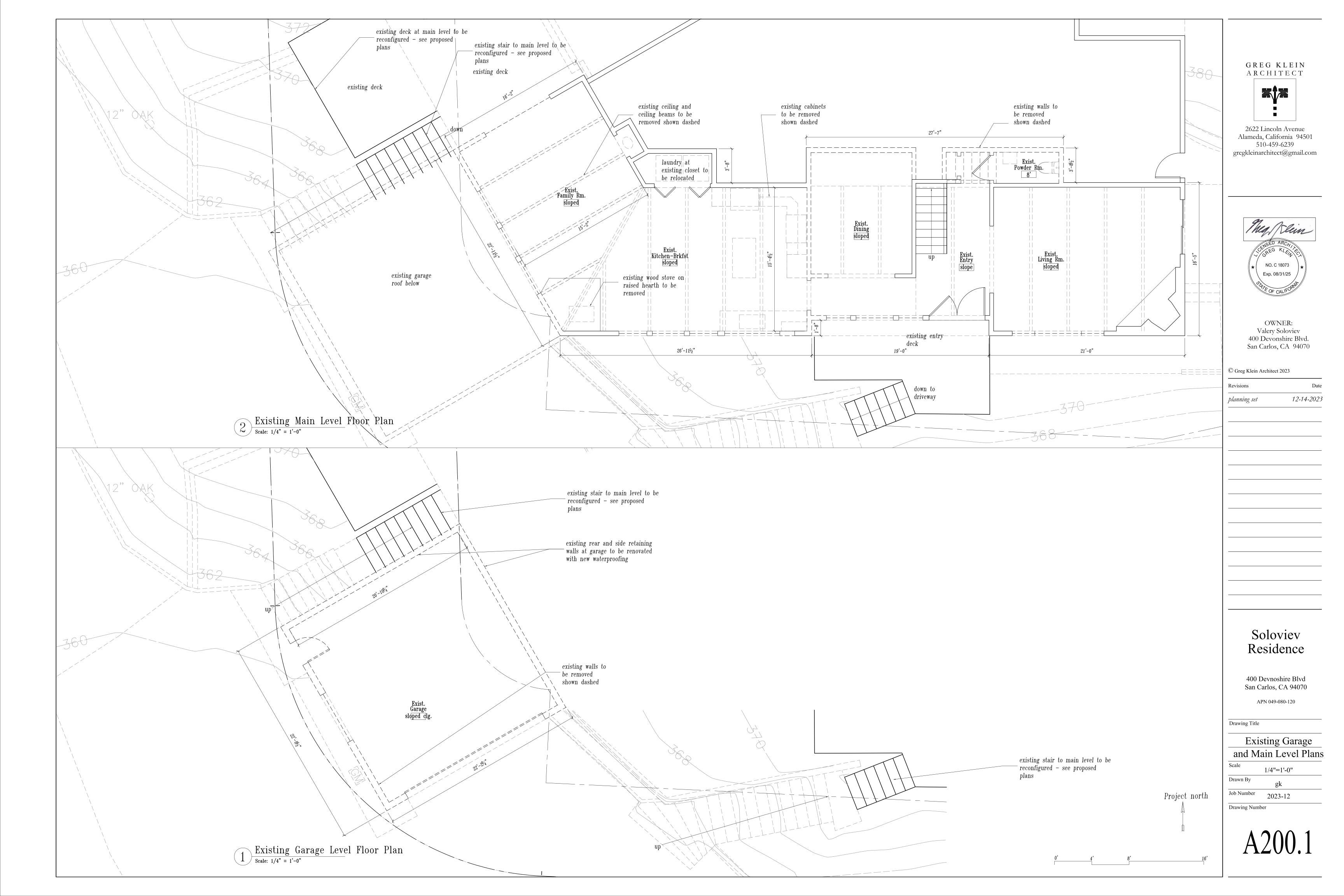
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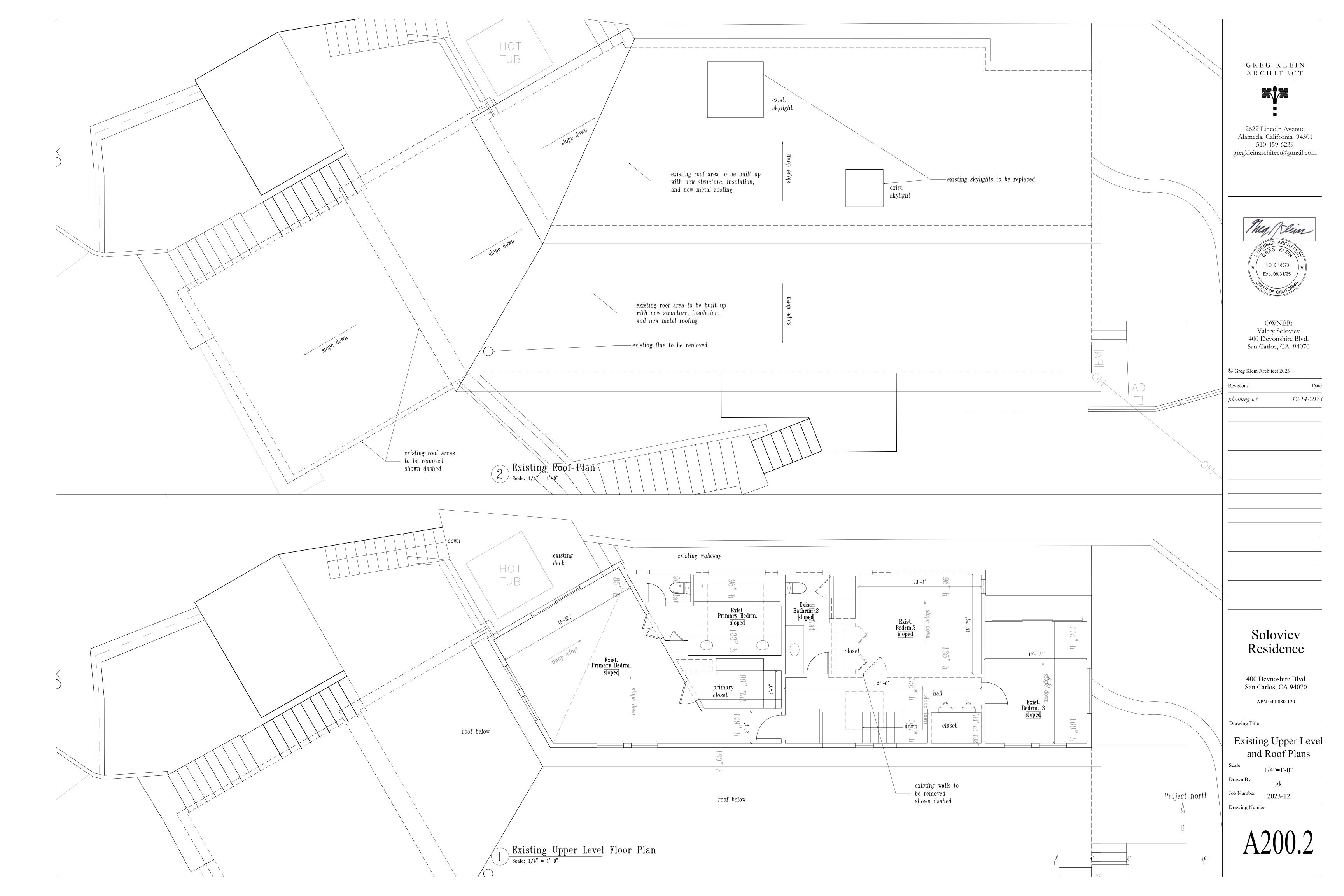
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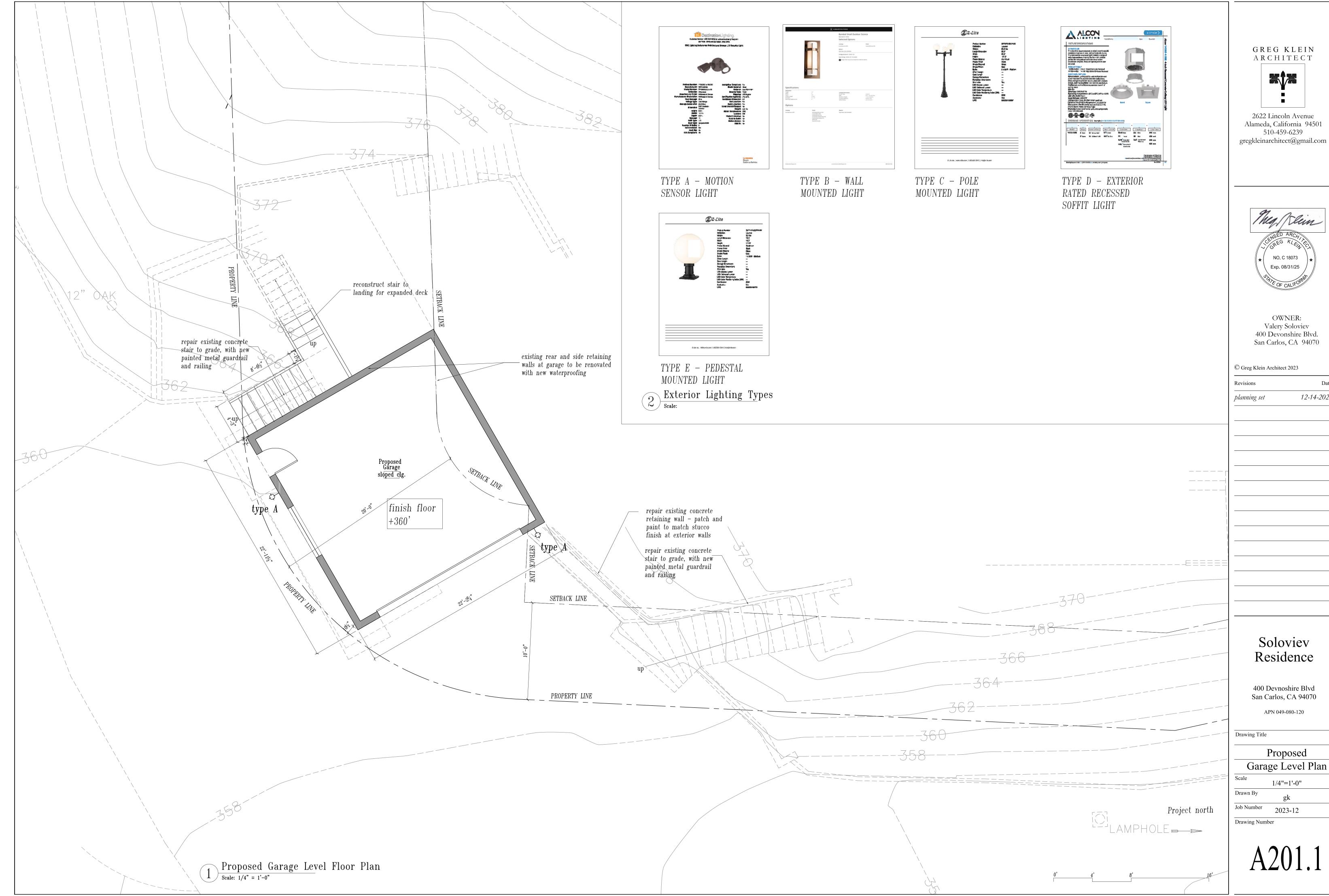
Construction Best Management Practices

Drawn By Job Number 2023-12

Drawing Number









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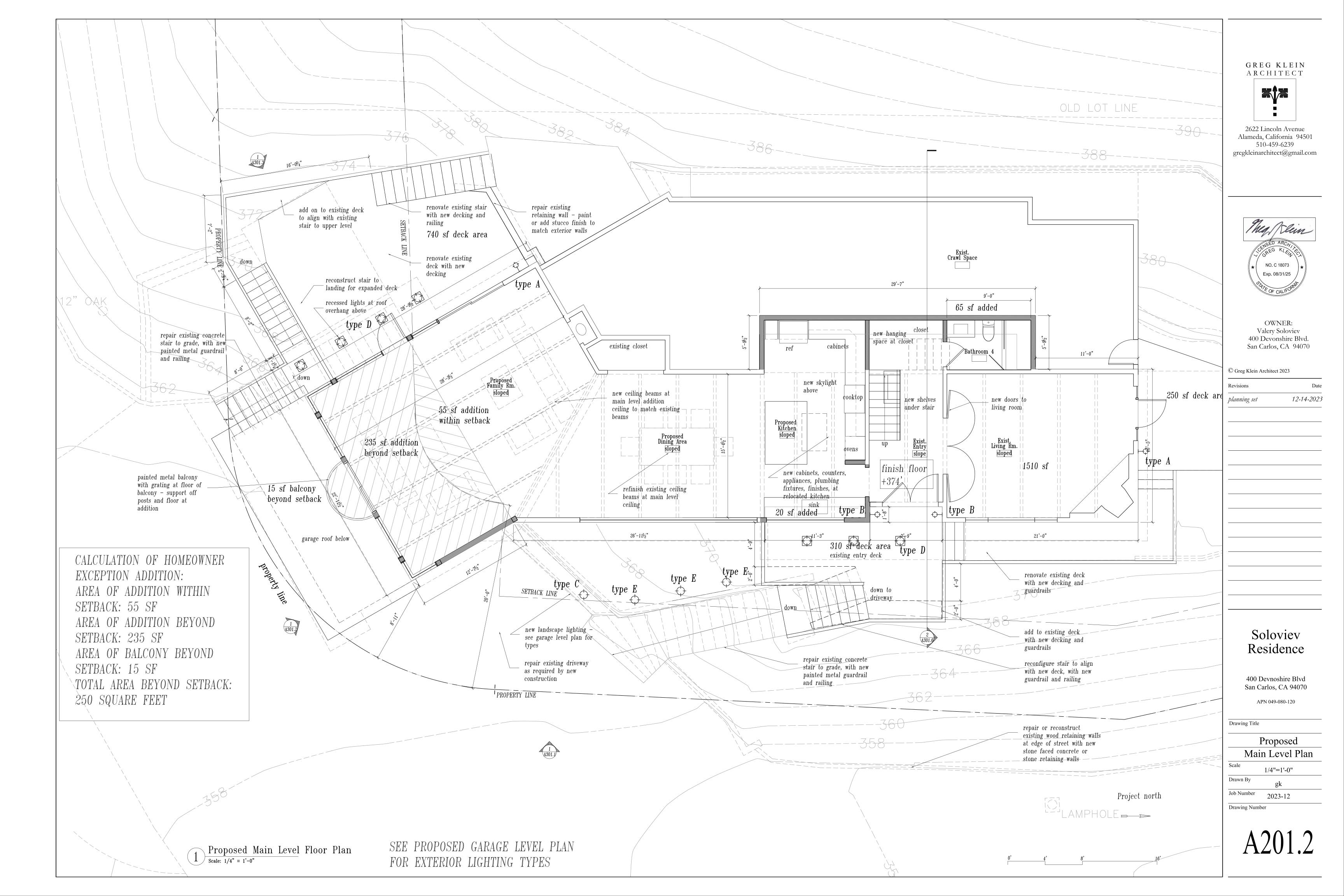
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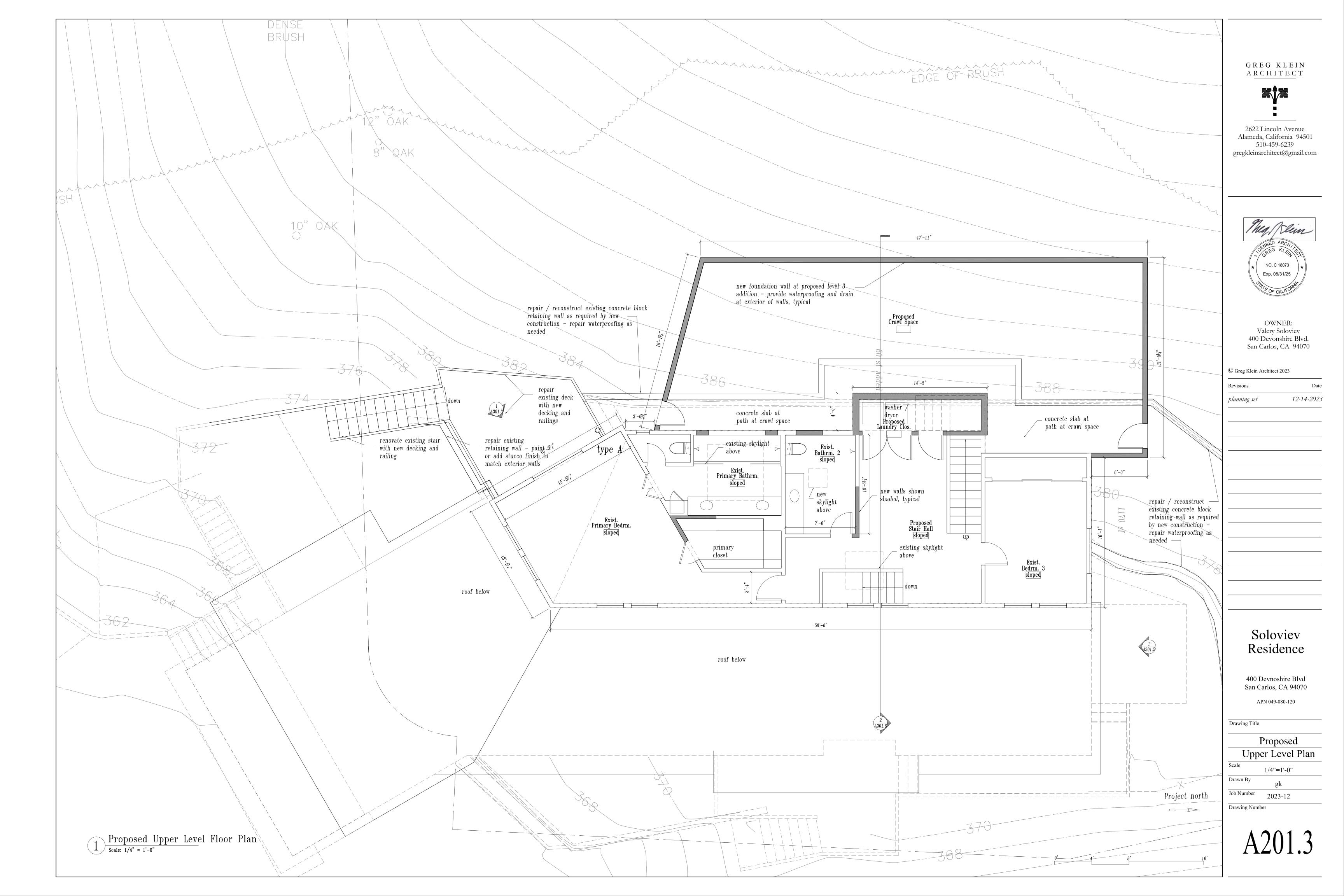
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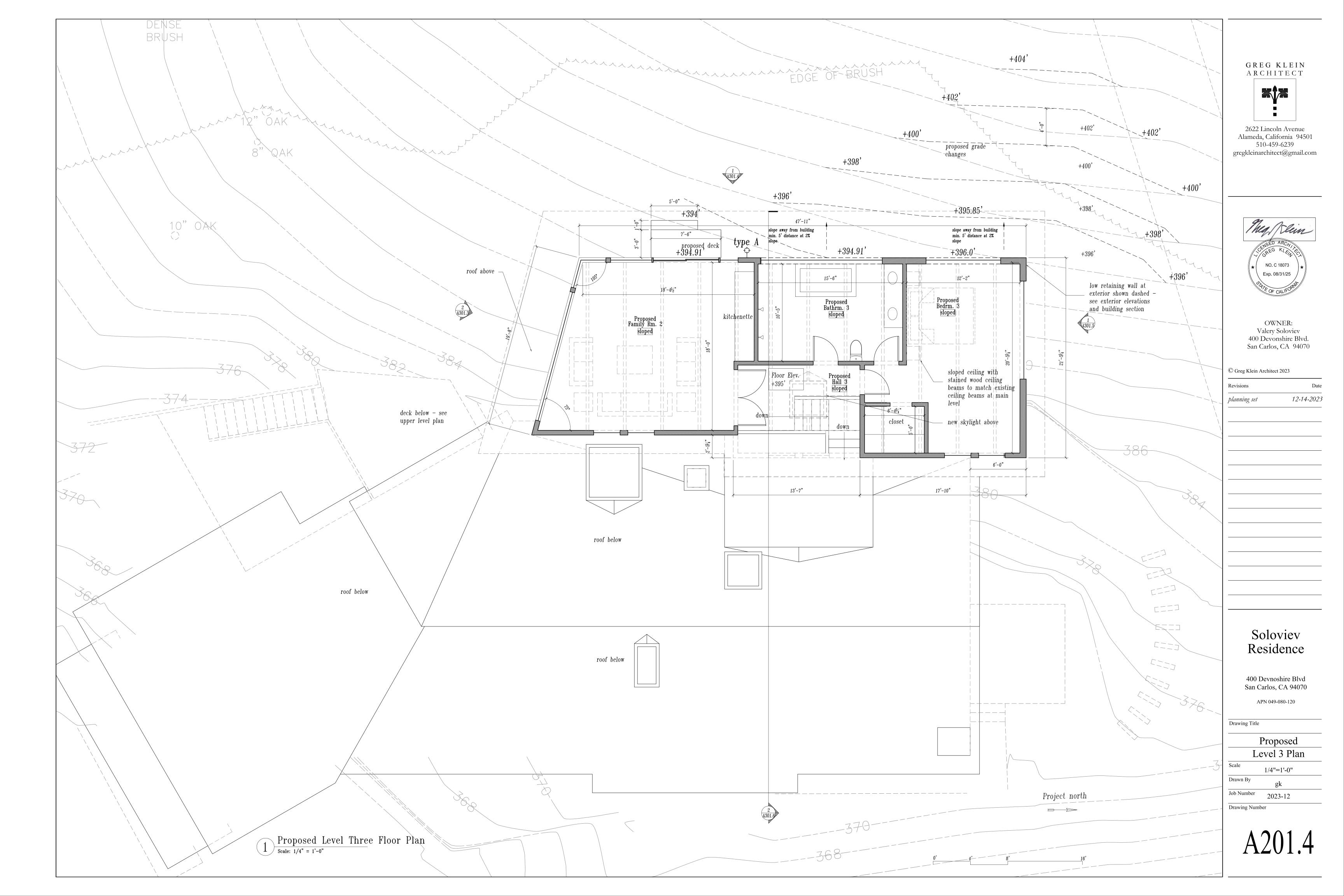
Soloviev

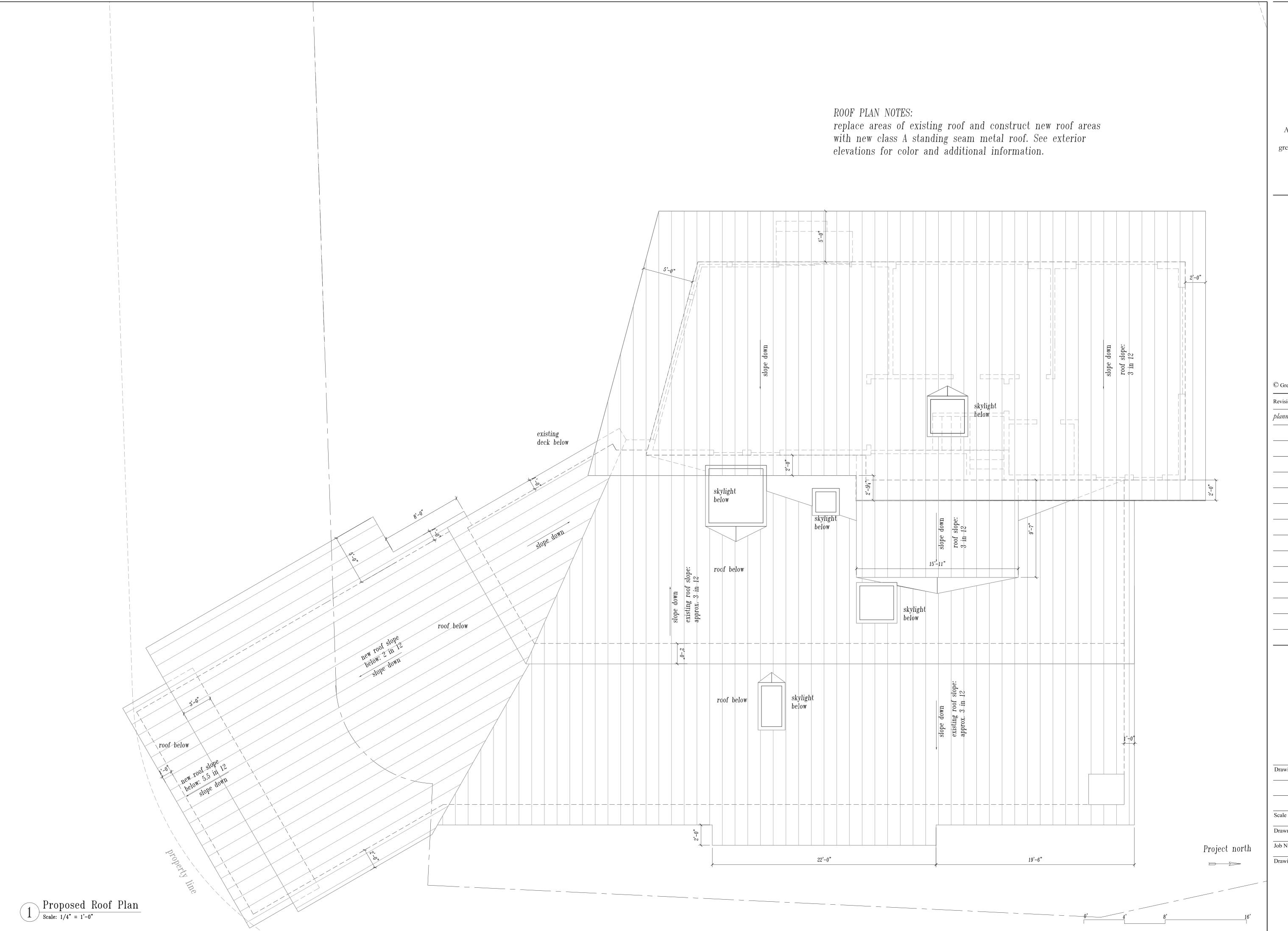
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Garage Level Plan











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Drawing Title

Proposed Roof Plan

1/4"=1'-0"

Drawn By gk

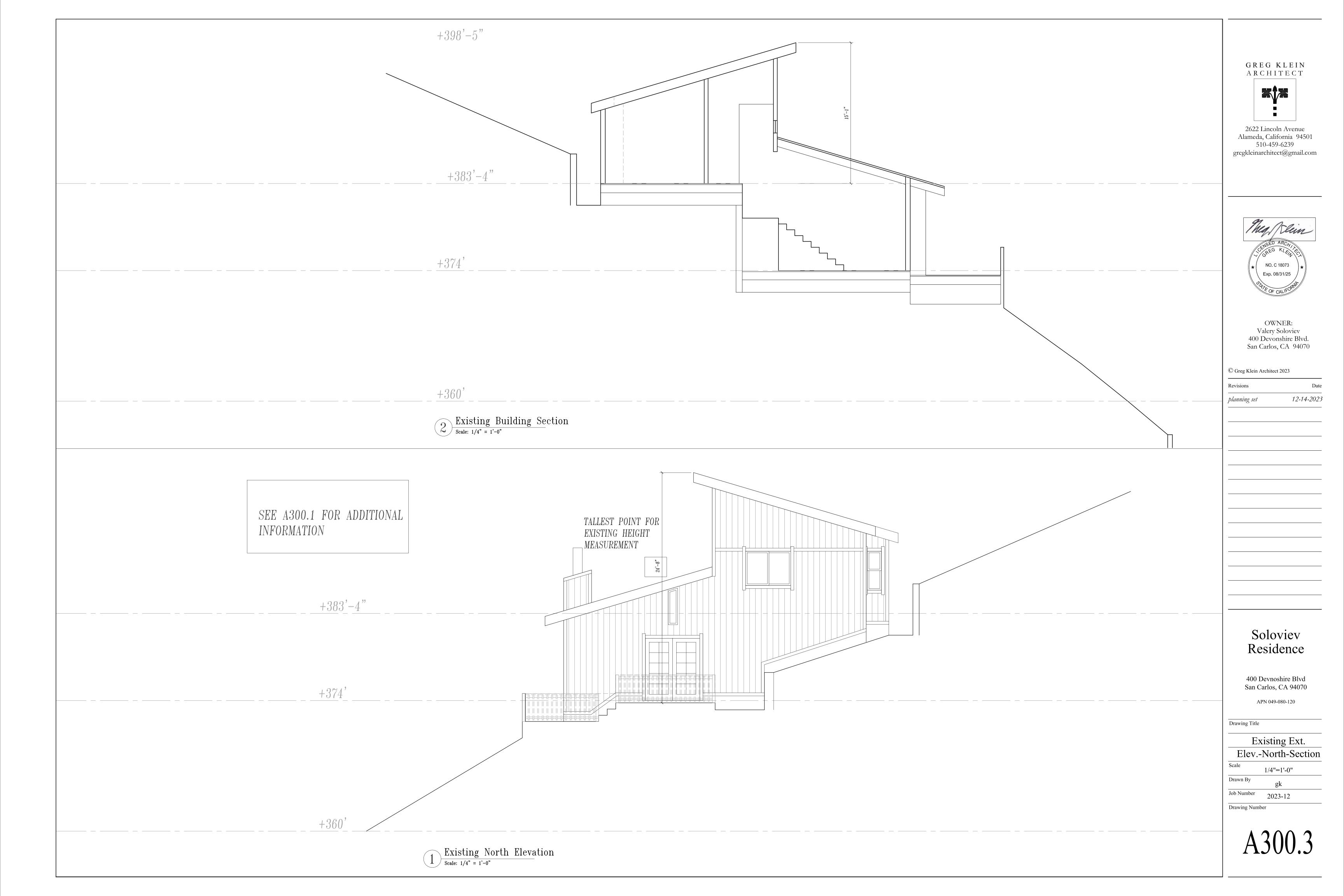
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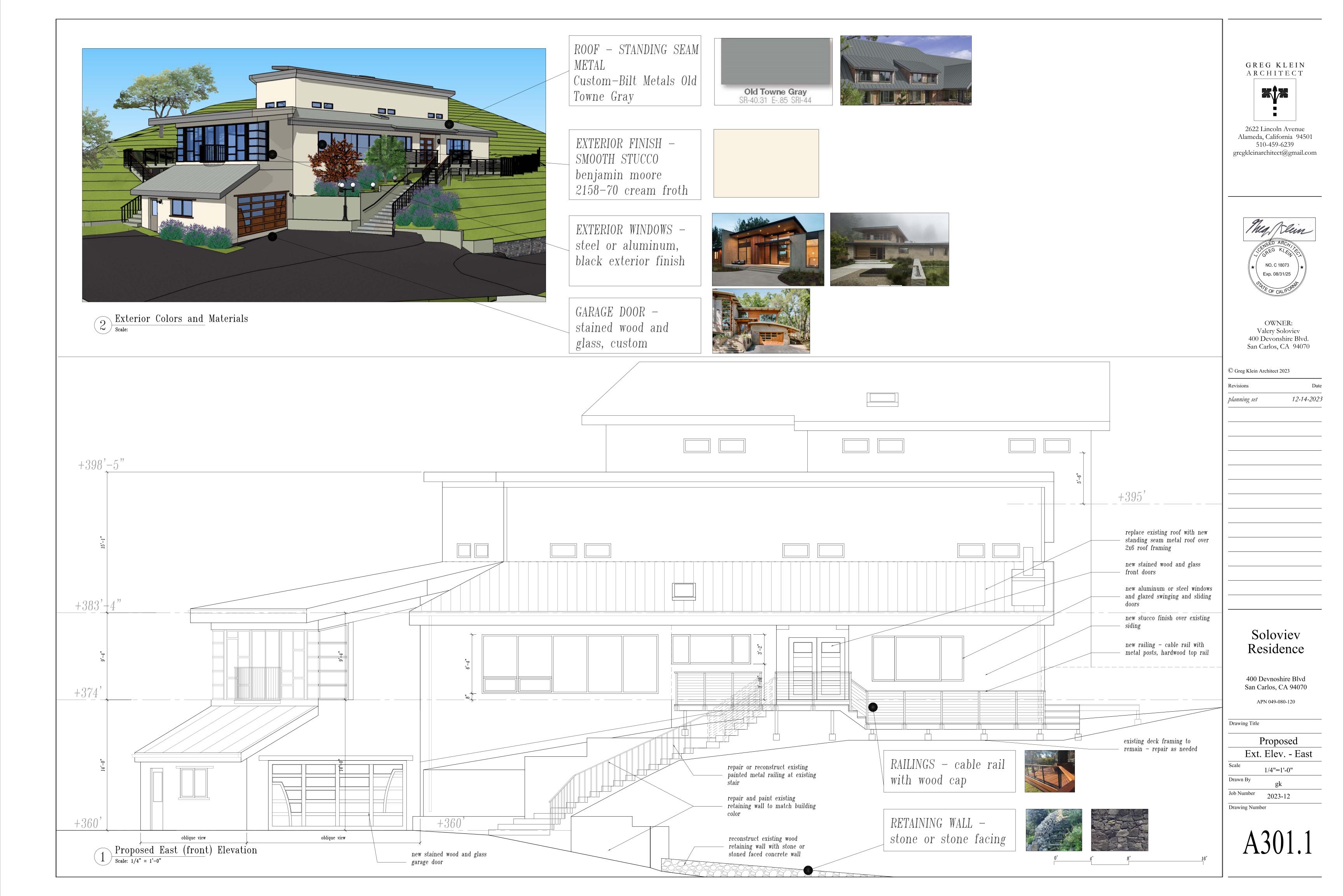
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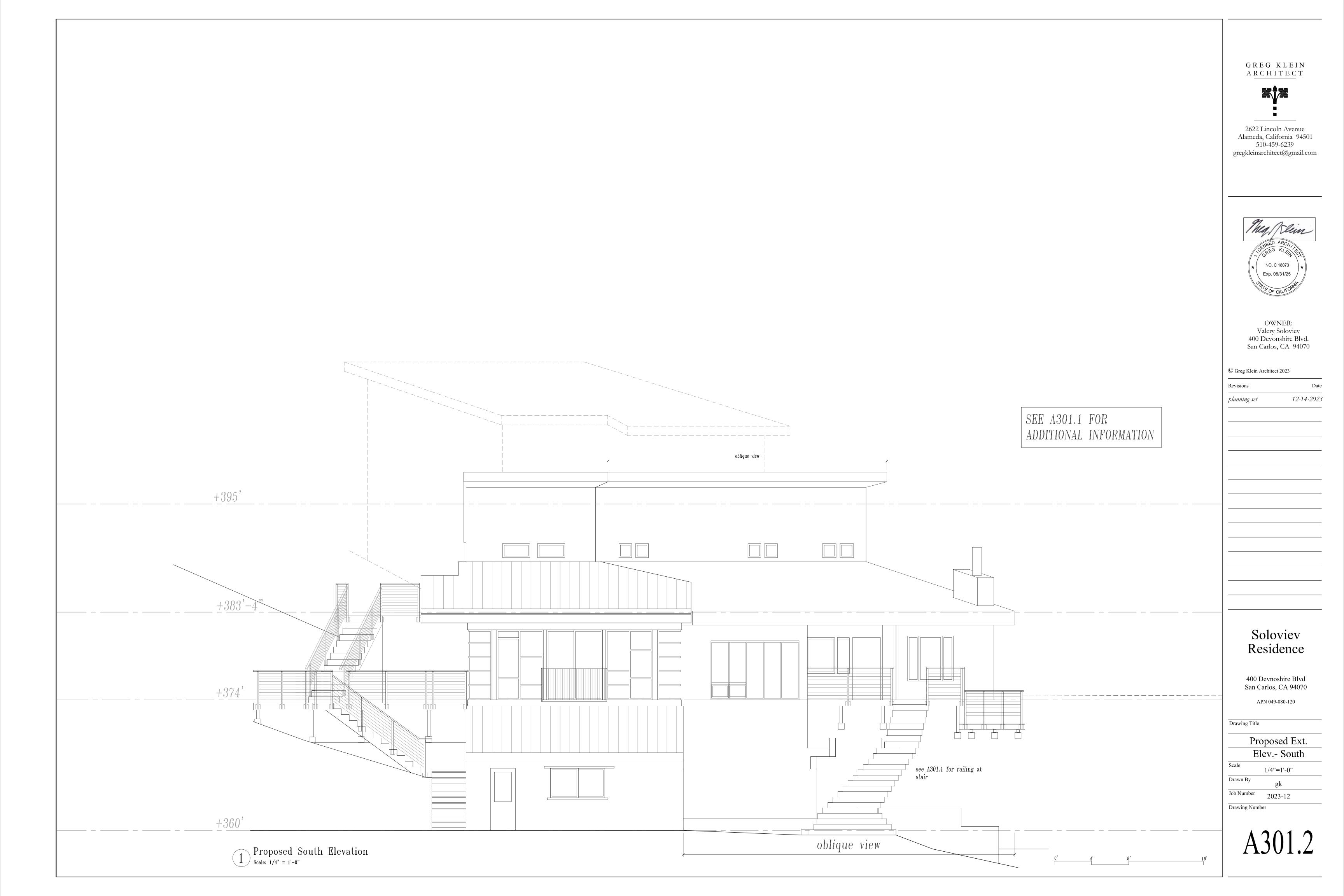
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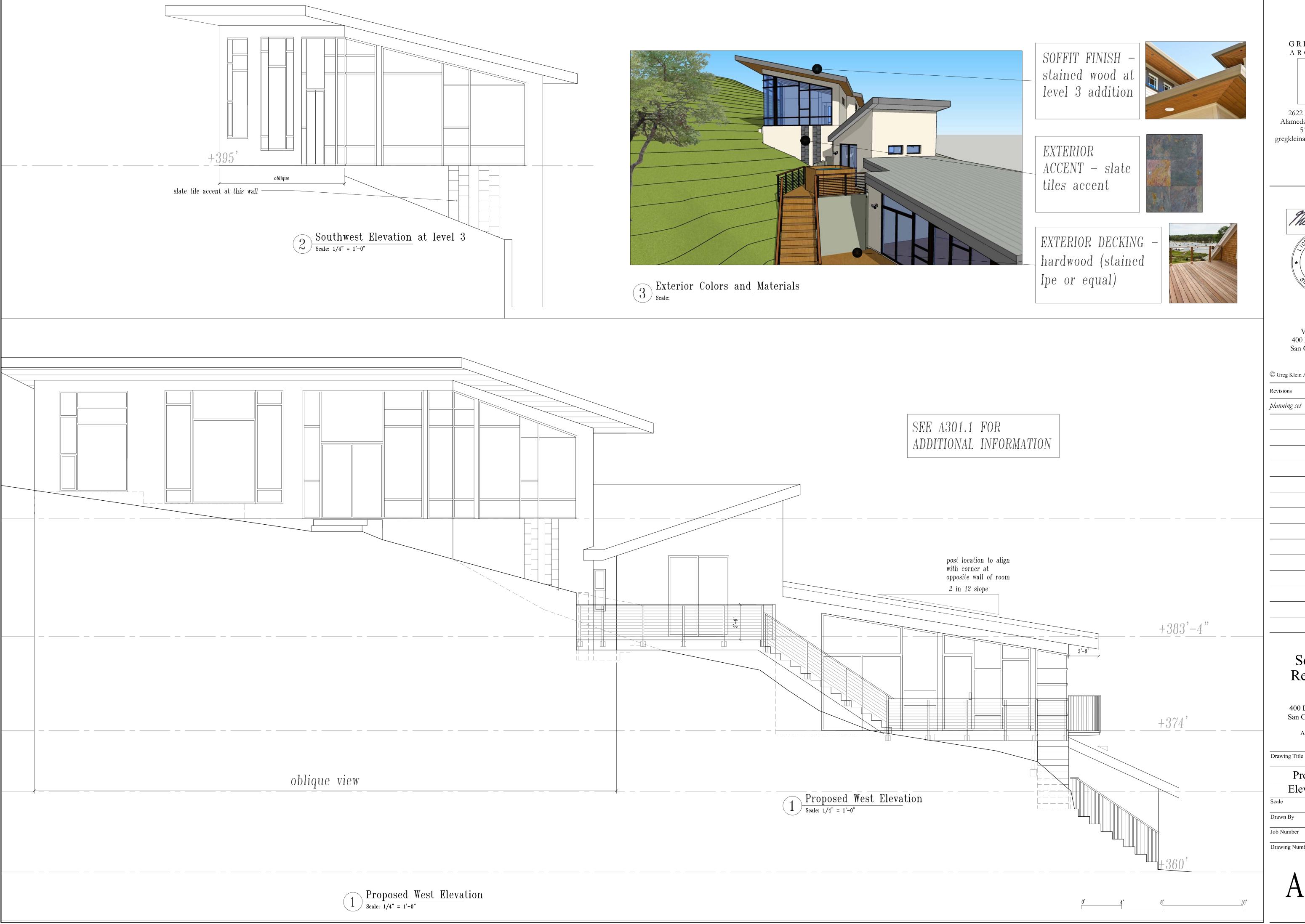






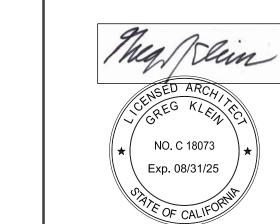








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Proposed Ext. Elevation- West

1/4"=1'-0" Drawn By

2023-12 Drawing Number

