## Planning Permit Application Form

#### Planning and Building Department

455 County Center, 2nd Floor • Redwood City CA 94063
Mail Drop: PLN 122 • TEL (650) 363-4161 • FAX (650) 363-4849

www.co.sanmateo.ca.us/planning

PLN: 2018-00343"

BLD:

Applicant/Owner Information	
Applicant: JACK CHO.	and the second s
Mailing Address: JT WEST 43RD AVE	
SAN MATEO, (A	Zip: 94453
Phone, W: 650 - 345-9286	H: 650 - WIE 208-8898
E-mail Address: jackchus 1@ yahor,co	
Name of Owner (1): KICK S. 7MAY	Name of Owner (2):
Mailing Address: 715 LAUREN ST #490	Mailing Address:
JAN CARLOS,	
CA zip: 94070	Zip:
Phone, W: 6,0 - 430 - 0075	Phone, W.
Н:	H:
E-mail Address:	E-mail Address:
Project Information	De contract of the contract of
Project Location (address): DEL MONTE AVE	Assessor's Parcel Numbers:
EL CIRADA, (A 94018	047-181-080
14 / 6 / 2	
Zoning: R1-S-17	Parcel/lot size: 6,526.0 SF (Square Feet)
VACANT - 4P-SLOPE PARCEL	
Describe Existing Site Conditions/Features (e.g. topography, VACANT — UP - SLOPE PARCE)	water bodies, vegetation):  (SEE BOUNDARY SURVEY)
	in the second
·	
Describe Existing Structures and/or Development:	
	12772
	· •
Signatures	
We hereby certify that the information stated above and on f	orms, plans and other materials submitted herewith in support edge. It is our responsibility to inform the County of San Mateo mation represented in these submitalls.
Owner's signature:	
Owner's signature:	
Applicant's signature:	명 
	L:\web stuff\PBSite\pdf\Form\22054 09-06-12

26

# Application for Design Review by the County Coastside Design Review Committee

#### Planning and Building Department

County Government Center = 455 County Center = Redwood City CA 94063 Mail Drop PLN 122 = 650 • 363 • 4161 = FAX 650 • 363 • 4849

Permit #: PLN 2018 - 00343

Kealem Committee	Other Permit #:
1. Basic Information	
Applicant:  Name: ACK CHI  Address: JJ WEST + 3RD AVE  San Matto (A Zip: 94403)  Phone, W: 630-208-8078:  Email: Jack Cluste yohoo.eom  Architect or Designer (if different from Applicant):  Name:  Address:	Owner (if different from Applicant):  Name: NICK S. ZIMA 1  Address: 7/5 LABREL ST 4409  SAN CARLOS, CA Zip: 94070  Phone, W: 650-430-0076 H:  Email:  Zip:
Phone,W: H:	Email:
2. Project Site Information  Project location:  APN: 047-181-080  Address: Der Monte Ave  Enchandon, (A Zip: 94018  Zoning: R1-S-17  Parcel/lot size: 6,526 sq. ft.  3. Project Description	Site Description:    Vacant Parcel     Existing Development (Please describe):
Project:	Additional Permits Required:
□ New Single Family Residence:	<ul> <li>Certificate of Compliance Type A or Type B</li> <li>Coastal Development Permit</li> <li>Fence Height Exception (not permitted on coast)</li> <li>Grading Permit or Exemption</li> </ul>

#### 4. Materials and Finish of Proposed Buildings or Structures Check if matches Material Color/Finish Fill in Blanks: existing (If different from existing, attach sample) DARK BEIGE a. Exterior walls b. Trim c. Windows d. Doors e. Roof f. Chimneys g. Decks & railings h. Stairs 2 i. Retaining walls i. Fences k. Accessory buildings I. Garage/Carport To approve this application, the County must determine that this project complies with all applicable regulations including the required findings that the project does conform to the standards and guidelines for design review applicable to the location of the project pursuant to Section 6565.10. (optional) Applicant's Statement of project compliance with standards and guidelines (check if attached). 6. Signatures I hereby certify that the information stated above and on forms, plans, and other materials submitted herewith in support of the application is true and correct to the best of my knowledge. It is my responsibility to inform the County of San Mateo through my assigned project planner of any changes to information represented in these submittals. Applicant:

Date:

AUG. 16, 18

Date:

### Planning and Building Department

# Certificate of Exemption or Exclusion from a Coastal Development Permit

455 County Center, 2nd Floor • Redwood City, CA • 94063 Mail Drop: PLN 122 • TEL (650) 363-4161 • FAX (650) 363-4849

> Permanent Record Microfilming Required

Permit #: PLN Permit #: BLD	Microfilming Required
1. Basic Information	
Owner Name: VICK S. ZMAY  Address: 751 LAUREL ST # 409  SAN CARLOS, CA  Zip: 940 76  Phone, W: 650-430-0075 H:  Email Address:	Applicant Name: JACK CHO  Address: CS WEST 43RS AVE  San MATEO, CA  Zip: 94403  Phone, W: 650-208-8898H:  Email Address: jackchuse yahoo, cor
2. Project Information  Project Description:  NEW SINGLE PHMILY RESIDENCE	Existing water source:  Utility connection  Well  Proposed water source:  Utility connection
Assessor's Parcel Number(s):  047 — /8# — 080  — — —	Staking of well location and property lines are required.  Provide site plan depicting location and all trees.  Will this require any grading or vegetation/tree removal? Yes No In the No
3. Signatures  We have reviewed this form as completed above and the basis of basis for exemption or exclusion are true and correct to the best in accordance with the terms of the exemption/exclusion categor exemption or exclusion issued for a water well and/or storage tank requires a complete to the basis of the exemption or exclusion categor exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of basis for exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of basis for exemption or exclusion are true and correct to the basis of basis for exemption or exclusion are true and correct to the basis of basis for exemption or exclusion are true and correct to the basis of the exemption or exclusion categor exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of the exemption or exclusion categor exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of the exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of the exemption of the exemption or exclusion issued for a water well and/or storage tank requires a complete above and the basis of the exemption of the exempti	of our knowledge and we hereby agree to carry out this project bry selected on reverse. We also understand and agree that any ank in the single family exclusion area will be invalidated in the

(Both Owner and Applicant must sign unless this Application for Exemption or Exclusion accompanies a Building Permit Application for which the Applicant is an agent for the Owner acceptable to the Building Inspection Section.)

### Staff Use Only

#### 4. Basis of Exemption or Exclusion

Use attached review sheet to determine basis of exemption and hether project qualifies. Review basis of exemption with applicant/owner and initial appropriate category below:

Initial		F. Agriculturally-Related Development Categorical		
A. Improvements to Existing Single Family Residence.  [PRC 30610(a), CCR13250, ZR 6328.5(a)] B. Improvements to Existing Structure Other Than		Exclusion Area. [PRC 30610(e), CCR13240, ORDERS E-79-7 and E-81-1, ZR 6328.5(e)] G. Utility Connections. [PRC 30610(f), ZR 6328.5(f)]		
C. Existing Navigation Channel. [PRC 30610(c),		I. Emergency Activities. [PRC 30611, ZR 6328.5(h)]		
	R 6328.5(c)]	J. Lot Line Adjustment. [ZR 6328.5(i)]		
D. Repair or Maintenance Activity. [PRC 30610(d), CCR13252, ZR 6328.5(d)]		K. Land Division for Public Recreation Purposes. [ZR 6328.5(I)]		
	ingle Family Residence Categorical Exclusion Area. RC 30610(e), CCR13240, AB 643; ZR 6328.5(e)]	JAN CARLOS, CA		
	18443	26.0 H.		
5. W	ell Inspection - All Coastal Zor	ie Areas		
☐ Rec	quired \Q Not Required			
nspectio	n made by:	Date of Inspection:		
Yes	No Removal of trace?	Approval of Permit is subject to the following: (check if applicable)		
☐ ☐ Removal of trees? ☐ ☐ If Yes, is tree removal permit inc		☐ Submittal and Approval of a Tree Removal Permit		
		☐ Submittal and Approval of a Grading Permit		
	☐ Trimming of trees?	☐ Submittal and Approval of an Erosion Control Plan		
☐ Excessive removal of vegetation?	☐ Submittal and Approval of a Coastal Dev. Permit			
	☐ Excessive grading? (If Yes, CDP is required)	_		
	☐ Erosion control plan required?			
6. A	proval			
checked		nined that it meets all criteria for the exemption/exclusion		
Planning	Department	Date		
Project is	subject to the following condition(s) of approval:			
3.24				
7. Pr	ocessing			
Fee	collected			
Ori	ginal Certificate of Exemption to Building Inspection	3. Any relevant Planning or Building Inspection files.		
file.		4. California Coastal Commission, 45 Fremont Street, Suite 2000, San Francisco, CA 94105		
-	pies of Certificate of Exemption to:	Update Permit*Plan Case Screen and Activities		
	Applicant/Owner. Flanning Department Exemption Binder.	ed na teakgaite ad este a este en este este este este este este e		

# **Environmental Information Disclosure Form**

PLN\_\_\_\_\_BLD

Project Address: DEN MONTE AVE EN GRANADA, CA 94018	Name of Owner: MICK S. ZMAY  Address: 715 LANGER STREET  SANGARIAS (A Phone: 650 432
Assessor's Parcel No.: 047-181 -080	Name of Applicant: JACK CHO  Address: TOWEST-HED AVE SA
Zoning District: R-1-5-17	94403 Phone: 650 - Zad

#### **Existing Site Conditions**

Parcel size: 6,526.0 SF.

Describe the extent and type of all existing development and uses on the project parcel, including the existence and purpose of any easements on the parcel, and a description of any natural features on the project parcel (i.e. steep terrain, creeks, vegetation).

12" DIAMETER

		Will this project involve:	
	N/A	a. Addition to an existing structure > 50% of the existing area OR > 2,500 sq. ft?	
	N/A	b. Construction of a new multi-family residential structure having 5 or more units?	
	14/18	c. Construction of a commercial structure > 2,500 sq.ft?	01/1
les		<ul> <li>d. Removal of mature tree(s) ( ≥ 6" d.b.h. in Emerald Lake Hills area or ≥ 12" d.b.h. in any residential zoning district)?</li> <li>If yes, how many trees to be removed?</li> </ul>	
		e. Land clearing or grading?  If yes, please state amount in cubic yards (c.y.):  Excavation: c.y. Fill: c.y.	
	No	f. Subdivision of land into 5 or more parcels?	libes yde
7-1	NO	g. Construction within a State or County scenic corridor?	er coden
	No	h. Construction within a sensitive habitat?	
	No	i. Construction within a hazard area (i.e. seismic fault, landslide, flood)?	
	No	j. Construction on a hazardous waste site (check with Co. Env. Health Division)?	
Please (	explain	all "Yes" answers:	

Yes No Will the project involve:		Will the project involve:	
		a. Construction outside of the footprint of an existing, legal structure?	
		b. Exterior construction within 100-feet of a stream?	
		c. Construction, maintenance or use of a road, bridge, or trail on a stream bank or unstable hill slope?	
	W As	d. Land-use within a riparian area?	
50° a	12	e. Timber harvesting, mining, grazing or grading?	
the street of		f. Any work inside of a stream, riparian corridor, or shoreline?	
6. 3 No	and to some	g. Release or capture of fish or commerce dealing with fish?	
	1 mm Z	any "Yes" answers:	
(6)		-808- N-6-1-3 N-6-1-3	

Yes	es No Will the project involve:	
		a. A subdivision or Commercial / Industrial Development that will result in the addition or replacement of 10,000 sq. ft. or more of impervious surface?
	No	If yes, Property Owner may be required to implement appropriate source control and site design measures and to design and implement stormwater treatment measures, to reduce the discharge of stormwater pollutants. Please consult the Current Planning Section for necessary forms and both construction and post-construction requirements.
	No	b. Land disturbance of 1 acre or more of area?  If yes, Property Owner must file a Notice of Intent (NOI) to be covered under the statewide General Construction Activities Storm Water Permit (General Permit) prior to the commencement of construction activity. Proof of coverage under State permit must be demonstrated prior to the issuance of a building permit.

#### Gardiffeation

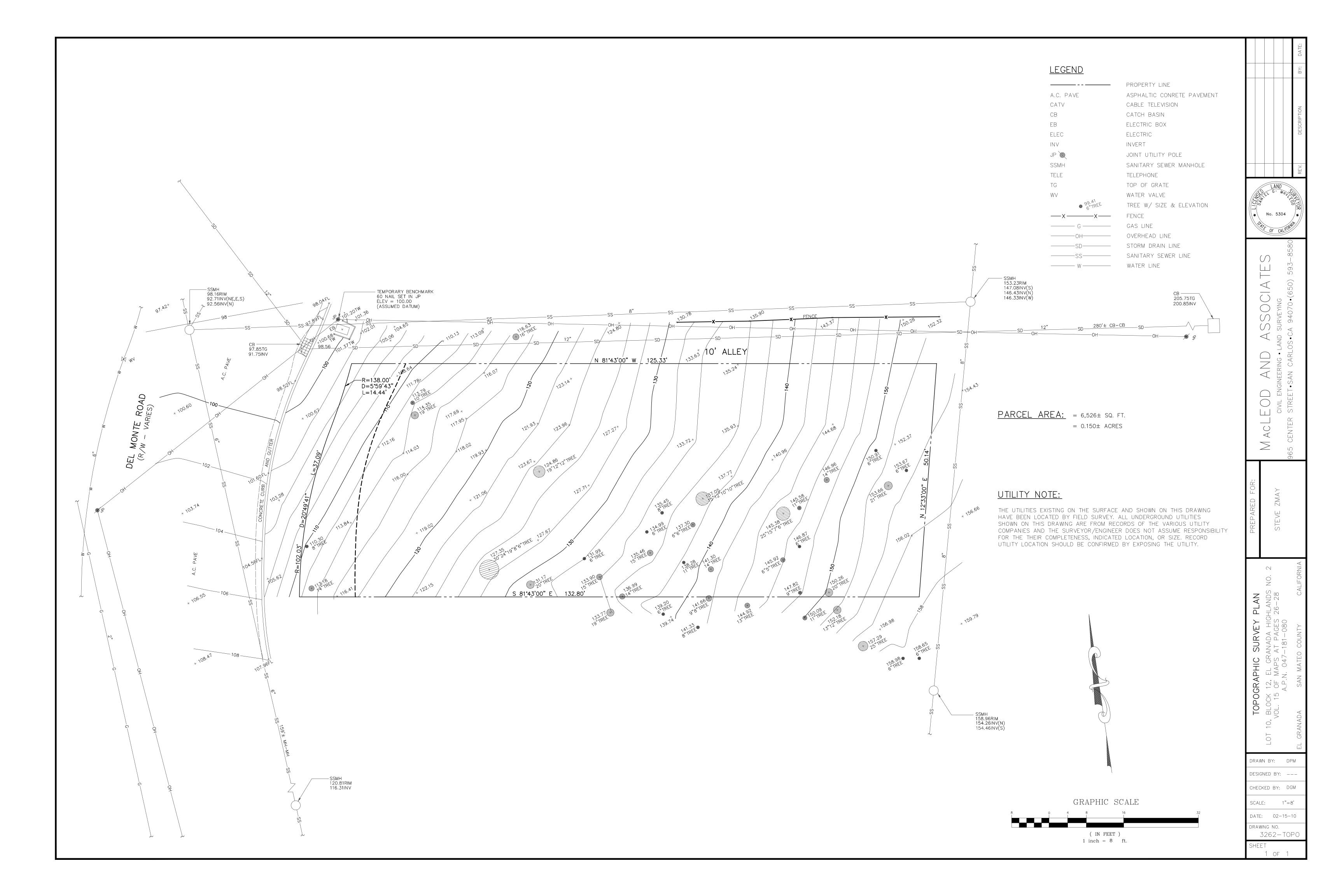
(Applicant may sign

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and the facts, statements and information presented are true and correct to the best of my knowledge and belief. If any of the facts represented here change, it is my responsibility to inform the County.

Signed:

Date:

8/17/18



## ROOFING: ASPHALT COMPOSITION SHINGLES ELK PRESTIQUE II-WEATHERED WOOD COLOR





EXTERIOR WALLS: WOOD SIDING
OXFORD BROWN WOOD STAIN AND SEALER



EXTERIOR WALLS: STUCCO-SMOOTH FINISH KELLY -MOORE FROST 14



MASONRY BASE: NATURAL STONE VENEERS BOQUET CANYON LEDGERSTONE PENINSULA BUILDING MATERIAL



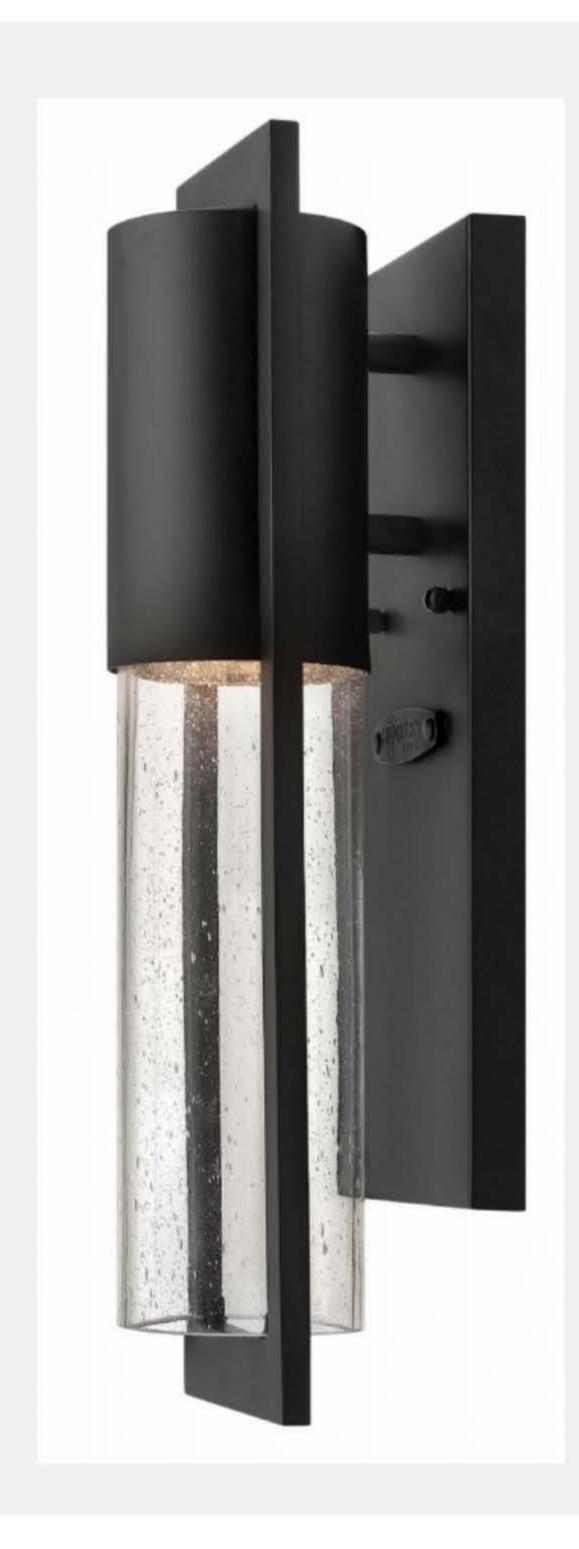
GARAGE DOOR:
GREAT AUTOMATIC GLASS GARAGE DOOR



# HINKLEY.& FR.

HINKLEY LIGHTING, INC.

33000 PIN OAK PARKWAY | AVON LAKE, OHIO 44012 [PH] 440.653.5500 [F] 440.653.5555 HINKLEYLIGHTING.COM | FREDRICKRAMOND.COM



SHELTER 1326BK	
BLACK	

WIDTH:	4.5"
HEIGHT:	15.5"
WEIGHT:	3.0 LBS
MATERIAL:	SOLID ALUMINUM
GLASS:	CLEAR SEEDY
BACKPLATE WIDTH:	4.5"
BACKPLATE HEIGHT:	12.0"
SOCKET:	1-50W GU-10 *INCLUDED
DARK SKY:	YES
NOTES:	PATENT: US PATENT D688 413 S
EXTENSION:	4.8"
TTO:	5.8"
CERTIFICATION:	C-US WET RATED
VOLTAGE:	120V
UPC:	640665132601

AT HINKLEY, WE EMBRACE THE DESIGN PHILOSOPHY THAT YOU CAN MERGE TOGETHER THE LIGHTING, FURNITURE, ART, COLORS AND ACCESSORIES YOU LOVE INTO A BEAUTIFUL ENVIRONMENT THAT DEFINES YOUR OWN PERSONAL STYLE. WE HOPE YOU WILL BE INSPIRED BY OUR COMMITMENT TO KEEP YOUR 'LIFE AGLOW.'

# NEW SINGLE FAMILY DWELLING

# DEL MONTE DRIVE EL GRANADA, CA 94018

R3/U TYPE V-B

6.526.00 SF

A.P.N. # 047-181-080

# DESIGNDATA

## PROJECT DATA

# SHEETINDEX

# LOCATION MAP

2013 CALIFORNIA ADMINISTRATIVE CODE 2013 CALIFORNIA BUILDING CODE 2013 CALIFORNIA PLUMBING CODE

2013 CALIFORNIA MECHANICAL CODE 2010 CALIFORNIA ELECTRIC CODE 2013 CALIFORNIA RESIDENTIAL CODE

2013 CALIFORNIA ENERGY CODE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE

2013 CALIFORNIA FIRE CODE

2013 CALIFORNIA EXISTING BUILDING CODE 2013 CALIFORNIA REFERENCED STANDARDS CODE

CALIFORNIA CODE OF REGULATIONS IS MANDATED BY PART 2.5 OF DIVISION 13 OF THE CALIFORNIA HEALTH & SAFETY CODE (SECTION 1890) ET SEQ.) THE FOLLOWING LOCAL AMENDMENTS TO THE CALIFORNIA STATE BUILDING CODES WERE FILED WITH THE BUILDING STANDARDS COMMISSION.

ENTIRE RESIDENCE, CRAWL SPACE AND ATTIC SHALL BE PROTECTED BY AUTOMATIC FIRE-EXTINGUISHING SYSTEM NFPA 13-D STANDARD.

### GENERAL NOTES:

1. ALL DETAILS, MATERIALS, FINISHES AND ASSEMBLIES ARE NOT NECESSARILY SHOWN. THESE FINAL FINISH DETAILS INCLUDING CASEWORK AND MATERIAL SELECTIONS WILL BE COORDINATED BY THE OWNER.

2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2013 CALIFORNIA BUILDING CODE, APPLICABLE EDITION, AND ALL OTHER PERTINENT CODES, LAWS AND REQUIREMENTS OF THE LOCAL BUILDING OFFICIALS, WHETHER OR NOT SPECIFICALLY SHOWN ON THESE DOCUMENTS. THESE DOCUMENTS ARE NOT INTENDED TO SHOW EVERY DETAIL OR CONDITION, MANY DETAILS IN RESIDENTIAL CONSTRUCTION ARE BUILT ACCORDING TO PROFESSIONAL CONSTRUCTION PRACTICES, AND ARE THEREFORE NOT DETAILED IN THESE DOCUMENTS. CONTACT CHU DESIGN AND ENGINEERING INC. IF CONDITIONS OR OTHER CIRCUMSTANCES REQUIRE CHANGES IN THE WORK SHOWN, OR REQUIRE CLARIFICATION, ALL WORK SHALL BE DONE IN A HIGH QUALITY MANNER, ACCORDING TO THE PREVAILING STANDARDS OF THE INDUSTRY FOR EACH TRADE.

3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION AND CLEAN-UP TO ACCOMPLISH ALL OF THE WORK SHOWN, INCLUDING ALL WARRANTIES AND INSTRUCTIONS, TO PROVIDE A COMPLETE WORKING INSTALLATION, AND TO LEAVE THE OWNER WITH AN APPROVED PRODUCT.

4. CONTRACTOR SHALL ASSUME COMPLETE AND SOLE RESPONSIBILITY FOR MEANS AND METHODS OF CONSTRUCTION, AND FOR ALL SAFETY MEASURES TO PROTECT ALL PROPERTY, PERSONNEL AND THIRD PARTIES FROM DAMAGE OR INJURY. THIS RESPONSIBILITY SHALL BE CONTINUOUS AND NOT SOLELY DURING WORKING HOURS, CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS CHU DESIGN AND ENGINEERING INC. AND RELATED ENGINEERS FROM ANY CLAIMS OF LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF HIS WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF CHU DESIGN AND ENGINEERING INC. AND RELATED ENGINEERS.

5. THESE DOCUMENTS DO NOT CONTAIN PROVISIONS FOR THE HANDLING OR REMOVAL OF ANY HAZARDOUS MATERIALS. SHOULD ANY SUCH MATERIALS BE SUSPECTED OR ENCOUNTERED, SPECIALISTS SHALL BE CALLED IN TO MAKE RECOMMENDATIONS.

6. PROVIDE ALL MANDATORY FEATURES REQUIRED BY THE T-24 ENERGY CODE, INCLUDING WEATHER-STRIPPING, BUILDING INSULATION, PIPE INSULATION, LIGHTING AND APPLIANCE MEASURES, AND OTHER FEATURES REQUIRED BY TITLE 24 OR OTHER STATE, FEDERAL OF LOCAL

7. NO PERSON SHALL ERECT (INCLUDING EXCAVATION AND GRADING), DEMOLISH, ALTER OR REPAIR ANY BUILDING OR STRUCTURE OTHER THAN BETWEEN THE HOURS PERMITTED BY THE LOCAL JURISDICTION.

#### DEL MONTE DRIVE 1. LOT LOCATION: EL GRANADA, CA 94018 047-181-080

3. OCCUPANCY GROUP/ CONSTRUCTION TYPE: 4. ZONING DISTRICT

IRREGULAR LOT (SEE TOPOGRAPHIC SURVEY) 5. LOT SIZE:

7. ZONÍNG REQUÍREMENTS:

6. SITE AREA:

SETBACK: FRONT: SIDE: COMBINED TOTAL OF 15'-O" WITH A 5'-O" MIN. REAR: 15'-0" 28'-0" MAX, OR 2 1/2 STORIES HEIGHT LIMIT PARKING:

TWO COVERED GARAGE & TWO ON THE DRAIVEWAY LOT COVERAGE RATIO (35 %): 2.284,10 SF, MAX, MAX. COVERED FLOOR AREA ALLOWED (53%): 3,458,78 SF, MAX,

8. BUILDING DATA:

LOWER FLOOR/ GARAGE AREA: 455,Ø SF. 1,352.69 SF. MAIN FLOOR AREA 1,517.96 SF. UPPER FLOOR AREA: TOTAL NEW FLOOR AREA: 3,325.65 SF. 2,870.65 SF.

TOTAL CONDITIONED FLOOR AREA: 3,325,65 SF./ 50,96 9 FLOOR COVERAGE AREA / RATIO (F.A.R.) 1,832.18 SF. FOOT-PRINT AREA: 475.50 SF. HARDSCAPE / PAVED AREA (DRIVEWAY, SIDEWALK & DECK); 185.0 SF.

HARDSCAPE / PAVED AREA ( SIDE & REAR PATIO): 2,492.68 SF. TOTAL FOOT-PRINT (BUILDING + HARDSCAPE): 4,033.32 SF. LANDSCAPE AREA

### STRUCTURAL OBSERVATION IS REQUIRED FOR

- SHEAR WALLS WITH DESIGN LOAD OF 300 PLF. OR GREATER. INSTALLATION OF EPOXY INSTALLED ANCHOR BOLTS.
- 3. ALL UTILITY TRENCHES, BUILDING PAD SHALL BE PROPERLY BACK-FILLED AND
- COMPACTED. 4. THE FOUNDATION EXCAYATION, HOLDOWN.
- 5. INSTALLATION OF SIMPSON STRONG WALL

## THE BUILDING SHALL BE EQUIPPED WITH A SPRINKLER SYSTEM

2. THE REQUIRED SPRINKLER SYSTEM SHALL BE A DEFERRED SUBMITTAL FOR APPROVAL

FROM THE FIRE MARSHALL OF THE COUNTY OF SAN MATEO PRIOR TO INSTALLATION.

## FIRE SPRINKLER NOTE

1. FIRE SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT THE ENTIRE STRUCTURE UNDER A SEPARATE PERMIT

2. CONTRACTOR SHALL FURNISH THE DESIGN AND CONSTRUCTION AND INSTALLATION OF AN APPROVED FIRE SPRINKLER SYSTEM, THE DESIGN SHALL BE PROVIDED BY AN APPROVED FIRE SPRINKLER CONTRACTOR THAT IS LICENSED TO WORK IN THE STATE. ALL LABOR, MATERIALS, VALVES, EQUIPMENT AND SERVICES NECESSARY TO COMPLETE THE PROJECT SHALL BE INCLUDED. LAYOUT DRAWINGS, DESIGN AND EQUIPMENT LISTS MUST BE REVIEWED AND APPROVED BY THE FIRE MARSHALL AND THE BUILDING DEPARTMENT PRIOR TO INSTALLATION, DRAWINGS SHALL SHOW THE BUILDING TO BE COMPLETELY SPRINKLERED THROUGH OUT, ALL CONCEALED AREAS INCLUDING ATTIC AND GARAGES. A FOUR HEAD CALCULATION WILL ALSO BE REQUIRED TO ENGINEER THE

### ILLUMINATED STREET ADDRESS

SYSTEM.

Provide an illuminated street address at the entry door per City ordinance. Approved numbers or addresses shall be placed in such a position as to be plainly visible and legible from the street or road fronting the property. Said numbers shall contrast with their background, and shall be a minimum of 1/2 inch stroke by 4 inches high, shall be either internally or externally illuminated. The power of such illumination shall not be normally switchable.

SITE PLAN W/ ROOF PLAN

LOWER FLOOR GARAGE PLAN AND MAIN FLOOR PLAN

UPPER FLOOR PLAN AND NOTES

REAR AND LEFT SIDE ELEVATIONS FRONT AND RIGHT SIDE ELEVATIONS

BUILDING CROSS SECTION

ARCHITECTURAL DETAILS AND NOTES, TABLE

FLOOR AREA CALCULATION

BMP BEST MANAGEMENT PRACTICE

BOUNDARY AND TOPOGRAPHIC SURVEY

GRADING, DRAINAGE AND EROSION CONTROL PLAN

## LANDSCAPE

L.1 LANDSCAPE PLAN AND TREE TABLE



CONTACT CITY ARBORIST'S RECOMMENDATIONS WILL BE IMPLEMENTED BASED ON THE PRE-SONSTRUCTION MEETING:

1. THE DOWNSPOUT DRAIN LINE TRENCH LOCATION WILL BE ADJUSTED TO ACHIEVE A DISTANCE OF 9 FEET FROM THE TREES TO BE RETAINED.

2. AN ACTIVE DOMESTIC WATER SOURCE ON SITE WILL BE PROVIDE BEFORE EXCAVATING AND WILL BE AVAILABLE DURING CONSTRUCTION FOR PERIODIC TEMPORARY IRRIGATION OF TREES BEING RETAINED.

-SITE LOCATION

3. REAR PATIO/ RETAINING WALL/ DRAIN CURTAIN/ STAIR CONFIGURATION WILL BE CONFIRMED WITH THE CITY ARBORIST, THE EXCAVATION WILL BE PERFORMED MANUALLY.

ALL PLANS AND CALCULATIONS PRIOR TO APPROVAL SHALL BE OBTAINED FROM THE MID-PENINGULA WATER DISTRICT AT 650-591-8941, BEFORE SUBMITTING PLANS TO THE BELMONT DEPARTMENT FOR WATER METER SIZING AND BACKFLOW PREVENTION FOR THE FIRE SUPPRESSION SYSTEM.

# PROJECT DIRECTORY

STRUCTURAL:

## PROPERTY OWNER:

MR. NICK ZMAY 751 LAUREL STREET #409

SAN CARLOS, CA 94070 TEL: (650) 430-0075

#### ARCHITECTURAL: CHU DESIGN ASSOCIATES, INC.

55 W, 43RD AVE. SAN MATEO, CA 94403 TEL: (650) 345-9286, EXT. 100

## LAND SURVEYOR: MacLEOD AND ASSOCIATES

965 CENTER STREET SAN CARLOS, CA 94070 TEL: (650) 593-8580

#### CHU DESIGN ASSOCIATES, INC. 55 W, 43RD AVE, SAN MATEO, CA 944Ø3 TEL: (650) 345-9286, EXT. 101

TITLE 24: NRG COMPLIANCE, L.L.C. SARA SHARP GOLDSTEIN SANTA ROSA, CALIF. 95402 TEL: (7Ø7) 237-6957

## GRADING & DRAINAGE:

E-MAIL: sara@nrgcompliance.com

BERRY & ASSOCIATES 1733 WOODSIDE ROAD, SUITE 335 REDWOOD CITY, CA 94061

## LANDSCAPE DESIGN

MR. NICK ZMAY 751 LAUREL STREET #409 SAN CARLOS, CA 94070 TEL: (650) 430-0075

RECYCLING FACILITY

RECOLOGY OF THE COAST.

2305 PALMETTO AVE

PACIFICA, CA 94044

TEL: (650) 355-9000

FAX: (650) 359-9580

TEL: (650) 368-0750, FAX: (650) 368-1810

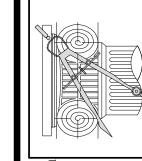
### FIRE SPRINKLER DESIGN

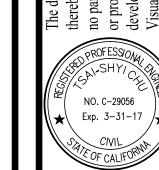
FIRE GUARD 1431 PARKWOOD AVE. SAN MATEO, CA 94403 TEL: (650) 773-0108

### DRIVEWAY NOTES :

TRANSITIONS IN DRIVEWAY SLOPE SHALL BE MITIGATED WITH VERTICAL CURVES INSTEAD OF ABRUPT CHANGES IN SLOPE. THE VERTICAL CURVES SHALL BE APPROXIMATED AS A CIRCLE WITH A 50- FOOT RADIUS

CONTRACTOR / OWNER BUILDER SHALL SUBMIT CONSTRUCTION WASTE MANAGEMENT PLAN PER CAL-GREEN SECTION 4.4082 (OR IN ACCORDANCE WITH THE LOCAL ORDINANCE). DIVERT A MINIMUM OF 50% OF THE CONSTRUCTION WASTE TO RECYCLE OR SALVAGE PER SECTION 4.408.1



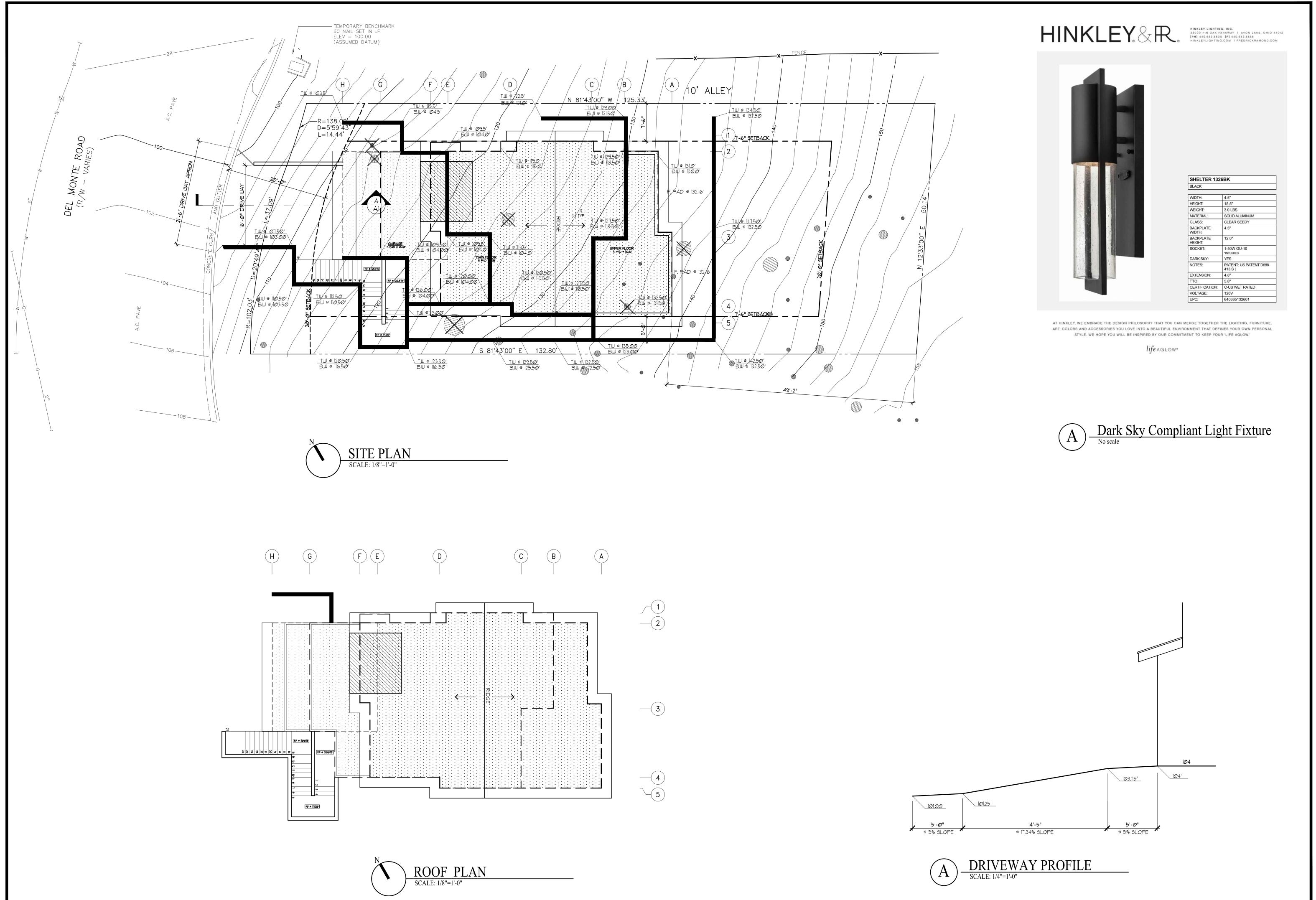


 $\infty$ 

SIDE 7 X X W RESONET: Monte F.: 650-43

Sept. 15, 2016 AS NOTED

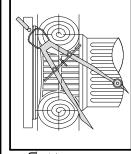
ZMAY



REVISIONS BY

GN ASSOCIATES INC.
NUE
ALIFORNIA 94403

55 W. 43rd AVENUE SAN MATEO, CALIFORNIA 9 TEL: (650) 345-9286 FAX: (650) 345-9287



g on this sheet, specification ideas, designs, and arrangements represented and shall remain the property of CHU DESIGN ASSOCIATES INC.; and i eof shall be copied, disclosed to others or used in connection with any worl ther than the specified project for which they have been prepared and

The dra

The

NEW RESIDENCE
Owner: Mr. Nick Zmay
Del Monte Road El Granada, CA 94018
Tel.: 650-430-0075

Feb. 7, 2019

AS NOTED

AS NOTED

DRAWN:

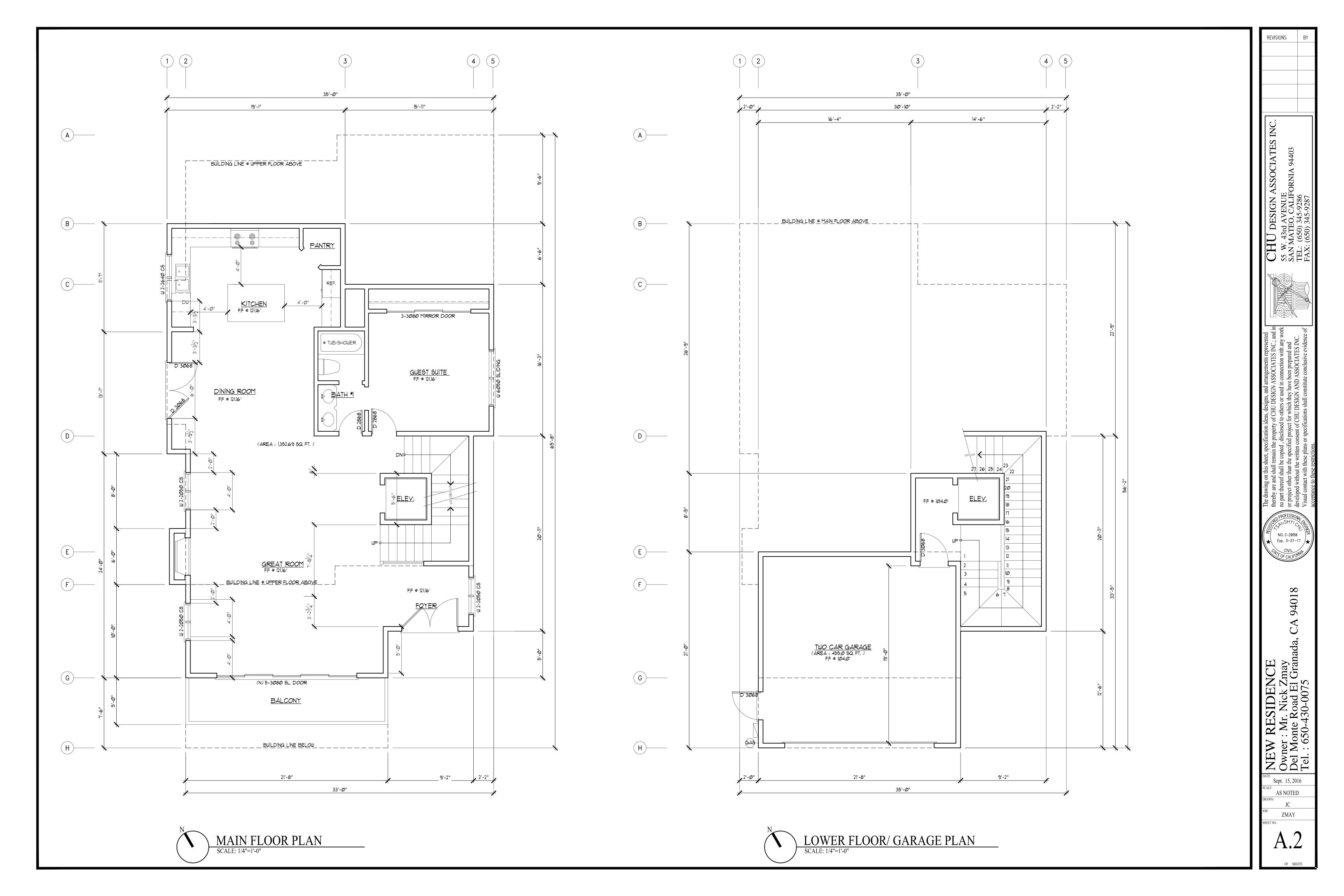
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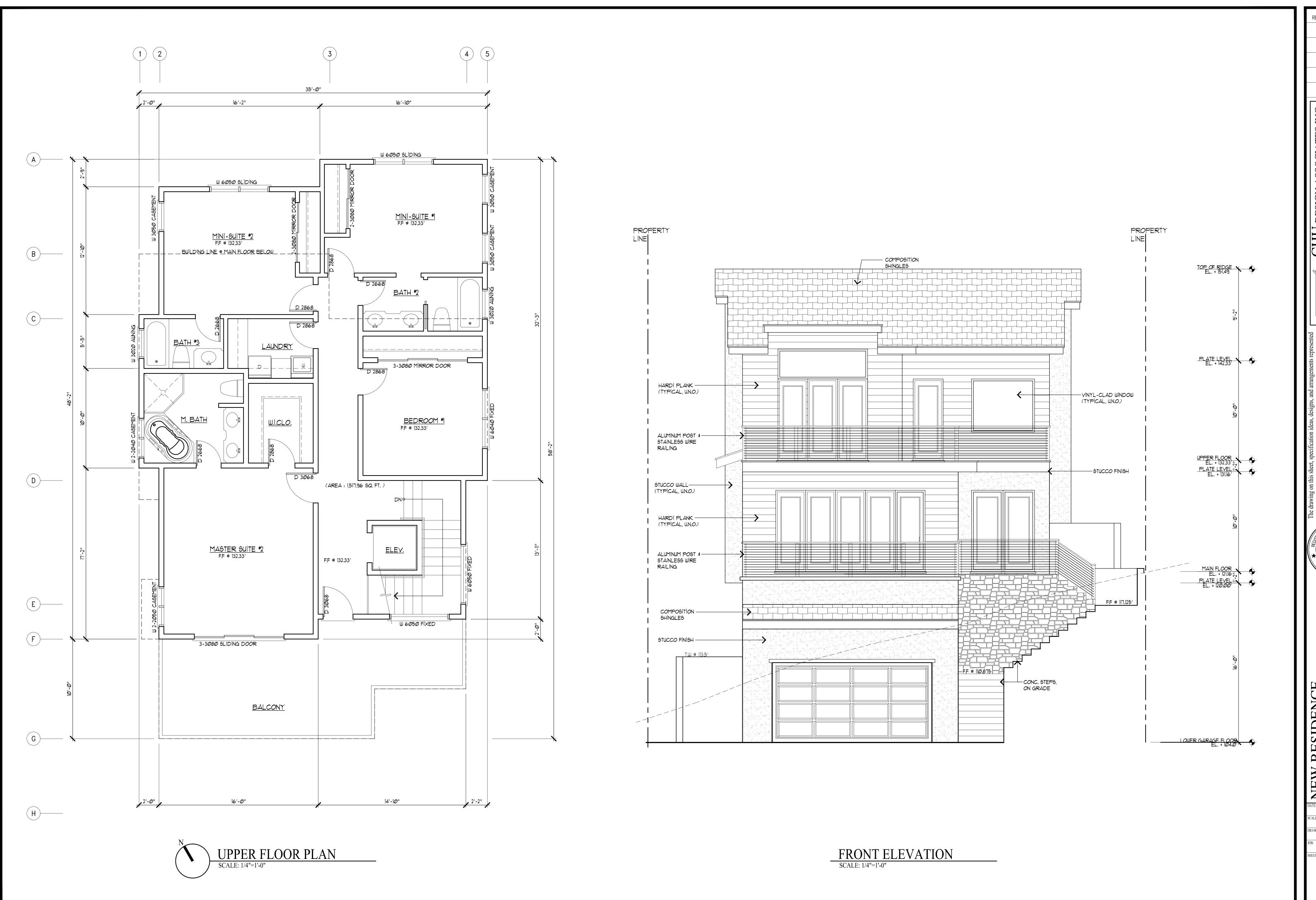
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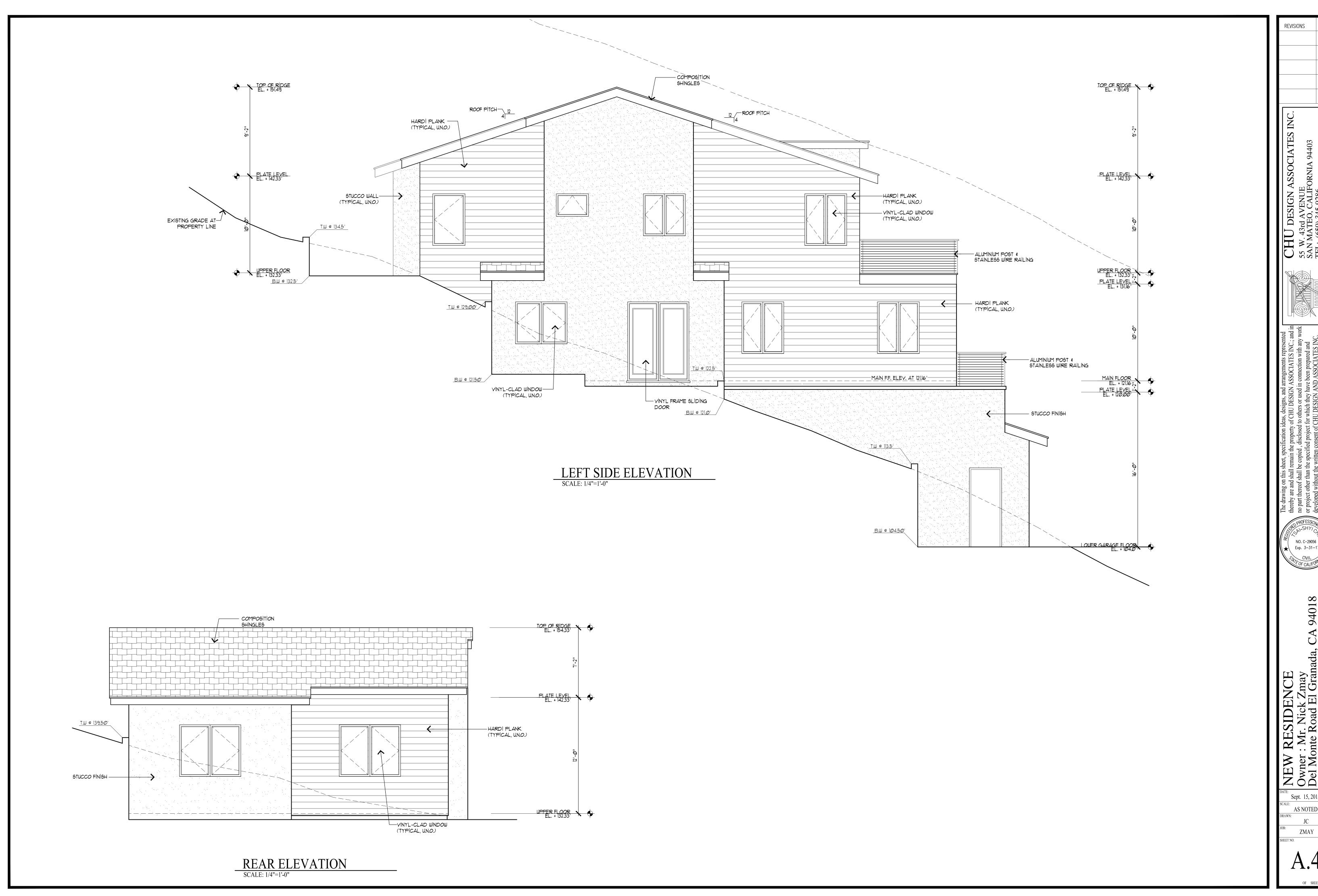
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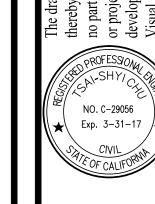
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94018 Sept. 15, 2016 AS NOTED **ZMAY** 

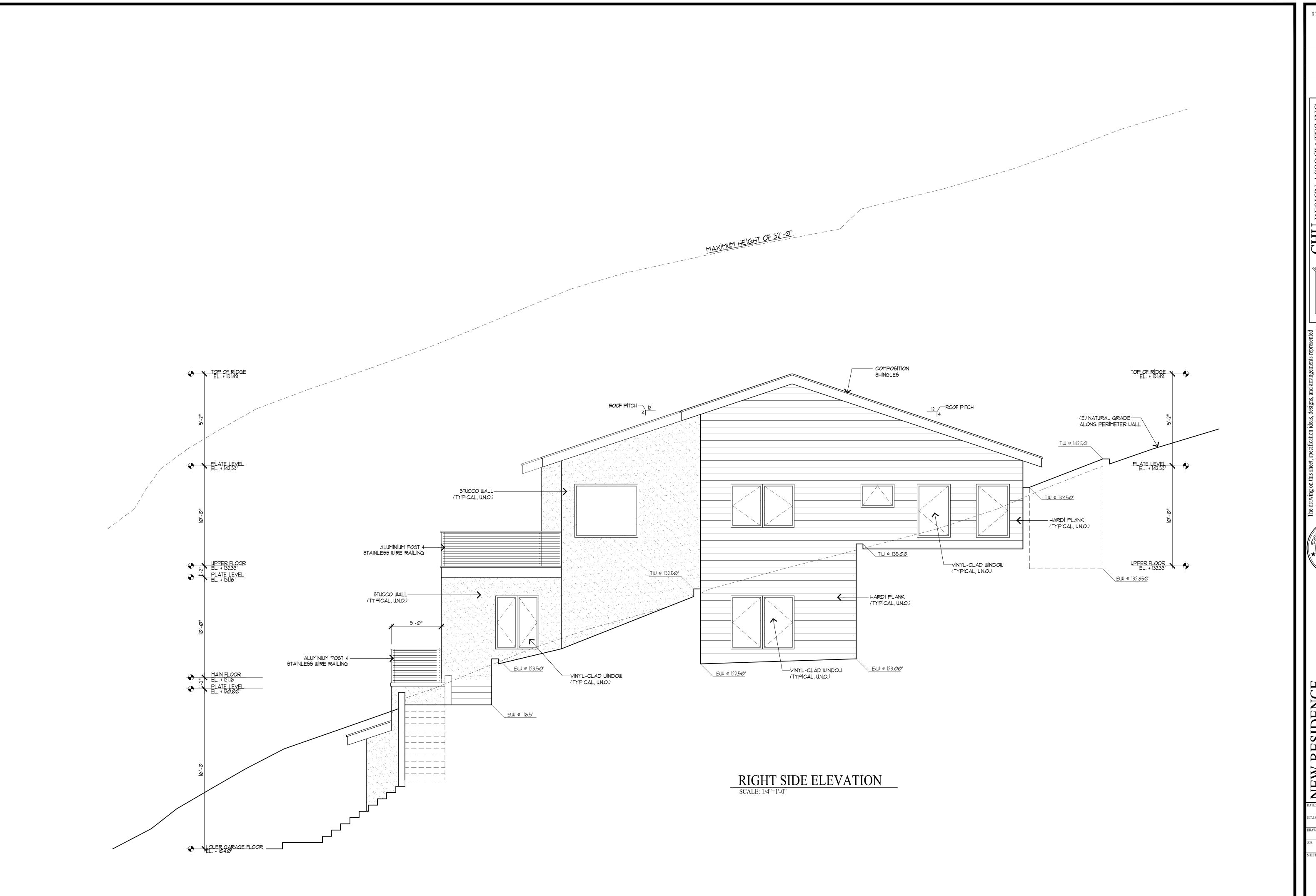


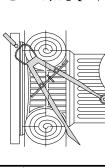




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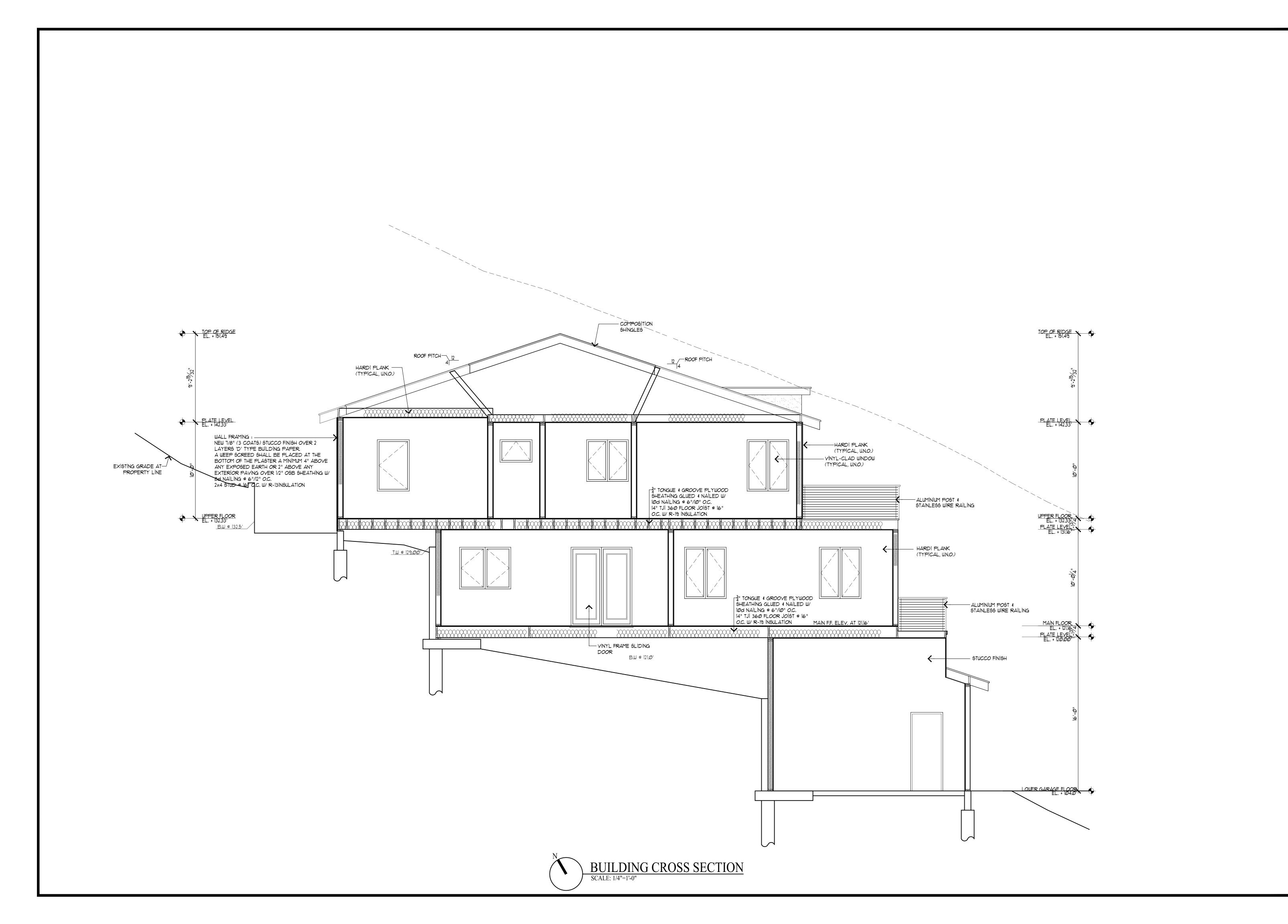




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Sept. 15, 2016

AS NOTED ZMAY



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Feb. 7, 2019 AS NOTED

**ZMAY** 

REMOVAL PLAN: 1. Method of removal: By Owner

ROA, RES)

By Tree Removal Service. 2. Disposal of tree debris: All debris to be removed from site by Tree Removal Service All/some debris to remain on site; Purpose: \_

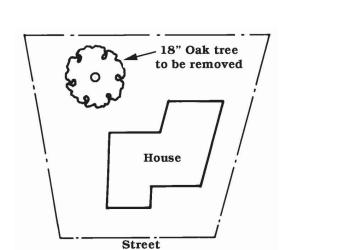
The information contained in the application is accurate and true to the best of my knowledge. I understand that an approved permit is conditional. Further, the decision on this application may be appealed to the San Mateo County Planning Commission. Authority to remove or trim a tree is effective only after the approval appeal period has expired.

Applicant's Signature

Public Notification of this application request will be sent to all property owners within 100 feet of the project site and in addition, to the Mid-Coast Community Council if your project site is located in the Mid-Coast. NOTE: All Tree Removal Applications must be submitted in person.

**REMOVAL PLAN:** 

Sketch site plan (aerial view) of location of tree(s) and their drip-line(s) showing approximate property lines, nearby building locations, roads, other trees, and any proposed improvements or additions which necessitate tree removal/trimming. Please CIRCLE or LABEL tree(s) to be removed. (Attach extra Site Plan if necessary).



T.W @ 120.50'/ B.W @ 116.50'

\ <u>T.W @ 123.50'</u> B.W @ 116.50'

The replanting plan shall show the location (including approximate distance to house), type, size (i.e. 15 gal., 10 gal., etc.) of proposed trees. In Bayside Design Review (DR) Zoning Districts, a 2:1 15 gallon replacement or 1:124 inch box ratio is required. Please sketch the site plan indicating location, size and species of new

Note: Acceptance of this application by Planning Staff...

• Does not guarantee the approval of the proposed tree removal(s). Planning staff will grant a tree removal permit <u>only</u> if staff is able to make one or more of the findings listed in Section 12,023 of the "Regulation of Removal of Significant Trees". A copy of this ordinance can be obtained at the Planning counter or at www.co.sanmateo.ca.us. The decision to make these findings takes into consideration public comment, recommendation(s) of reviewing agencies, the reason for removal and documentation of the tree's health or hazard as indicated by an arborist (if required, see below).

• Does not imply that the application is "complete". Other items, such as a report from a certified arborist, may be requested in order to complete your application (Section 12,021) For example, an arborist report may be required in order to confirm or refute a property owner's claim that a tree is diseased or a hazard to safety or property.

Applicant to sign below, in acknowledgment of the above information.

 $Trees \ on \ this \ list \ are \ either \ native *to \ California, \ or \ are \ appropriate \ for \ San \ Mateo \ County \ climate \ zone \ 14-17$ as designated in the Sunset Western Garden Book. Any native species removed must be replaced with a native species.

Development Director. To determine which species is best suited for your property or for planning instructions, contact a local

1. Bayside Design Review Districts 2:1 replacement required; 15 gallon size trees (minimum)

\*RH/DR Zoning District = 3:1 replacement required; 5 gallon size trees (minimum)

2. Bayside Non-Design Review Districts

Maidenhair tree\* Flowering cherries, plums Olive (fruitless) Incense cedar\* Red maple\* Canary Island pine Coast live oak\* Italian stone pine Shumard oak\* Cork oak\* Japanese black pine Silk tree Coulter pine\* Jelecote pine Valley oak\* Deodar cedar\* London plane\* Western red cedar

3. Skyline, La Honda / Rural

2:1 replacement required; 15 gallon size (minimum Deodar cedar\* Bushy youte London plane\*

Norfolk Island pine Peppermint willow Maidenhair tree Monterey cypress Monterey pines

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RECOMMENDED SPECIES OF REPLACEMENT TREES:

Tree replacement ratios to trees removed shall be as noted below, unless where adjusted by the Community

nursery or a certified arborist.

24 inch box = 1:1 replacement

Austrian black pine Flowering cherries, plums Maidenhair tree\* Bishop pine\* Olive (fruitless) Blue oak\* Incense cedar\* Red maple\* California bay Indian longleaf pine Red oak\* Canary island pine Israeli oak Scotch pine Coast live oak\* Italian stone pine Shumard oak\* Cork oak\* Japanese black pine Silk tree Coulter pine\* Jelecote pine Valley oak\* Deodar cedar\* London plane\* Western red cedar

1:1 replacement required; 15 gallon size tree (minimum)

1:1 replacement required; 15 gallon (minimum)

Big leaf maple\*

## Avoiding Tree Damage During Construction

Possible ways in which existing trees may be damaged during a construction project and methods for planning and facilitating the prevention of tree damage.

Homes are often constructed near existing trees to take advantage of their aesthetic and environmental value. Unfortunately, the processes involved with construction can be deadly to nearby trees. Proper planning and care are needed to preserve trees on building sites. An arborist can help you decide which trees can be saved. The arborist can also work with the builder to protect the trees throughout each phase of construction.

#### How Trees Are Damaged During Construction

Physical Injury to Trunk and Crown. Construction equipment can injure the above-ground portion of a tree by breaking branches, tearing the bark, and wounding the trunk. These injuries are permanent and, if extensive, can be fatal.

Root Cutting. Digging, grading, and trenching associated with construction and underground utility installation can be quite damaging to roots. A tree's root system can extend horizontally a distance 1 to 3 times greater than the height of a tree. It is important to cut as far away from a tree as possible to prevent damage that can compromise tree health and stability. Cutting under a tree's crown can reduce tree vitality. Cutting roots close to the trunk can severely damage a tree and limit its ability to stay upright in storms.

**Soil Compaction.** An ideal soil for root growth and development contains about 50 percent pore space for water and air movement. Heavy construction equipment can compact soil and dramatically reduce pore space. Compaction inhibits root growth, limits water penetration, and decreases oxygen needed for root survival.

Smothering Roots by Adding Soil. The majority of fine water-and-mineral-absorbing roots are in the upper 6 to 12 inches (15 to 30 cm) of soil where oxygen and moisture levels tend to be best suited for growth. Even a few inches of soil piled over the root system to change the grade can smother fine roots and eventually lead to larger root death.

Exposure to the Elements. Trees in a forest grow as a community, protecting each other from the elements. The trees grow tall with long, straight trunks and high canopies. Removing neighboring trees during construction exposes the remaining trees to increased sunlight and wind which may lead to sunscald or breakage of limbs and stems.

#### Getting Advice

Not all trees on the building site can or should be preserved. Your arborist can assess the health and structural integrity of trees on your property and suggest measures to preserve and protect them.

When determining which trees to retain, consider the species, size, age, location, and condition of each tree. Your arborist can advise you about which trees are more sensitive to compaction, grade changes, and root damage.

Your arborist and builder should work together early in the planning phase of construction. Sometimes small changes in the placement or design of your house or driveway can make a great difference in whether a critical tree will survive. Alternative construction methods can be discussed, such as bridging over the roots as a substitute for a conventional walkway, if flexibility in placement is limited. If utilities cannot be re-routed away from trees, less damaging tunneling and trenching installation techniques exist.



reatment for construction damage is limited, so it is vital that trees be protected from injury. Set up sturdy fencing around each tree that is to remain, as far out from the tree trunk as possible to provide above- and pelow-ground protection. Place fence approximately one foot (0.3 m) from the trunk for each inch (2.5 cm) of trunk diameter.

ruct construction personnel to keep fencing intact and the fenced area clear of building materials, waste, d excess soil. No digging, trenching, or other soil disturbance should be allowed in the fenced area.

If possible, allow only one access route on and off the property. All contractors must be instructed where they are permitted to drive and park their vehicles. Often this same access drive can later serve as the route for utility wires, water lines, or the driveway.

Specify storage areas for equipment, soil, and construction materials. Limit areas for burning (if permitted), cement wash-out pits, and construction work zones. These areas should be located away from protected trees.

All measures intended to protect your trees must be written into the construction specifications and should detail exactly what can and cannot be done to and around the trees. It is a good idea to post signs as a reminder.

Fines and penalties for violations should be built into the specifications. The severity of the fines should be proportional to the potential damage to the trees, and should increase for multiple infractions.

### Maintaining Good Communication



Communicate your objectives clearly with your arborist, builder, and all subcontractors. Construction damage to trees is often irreversible.

Visit the site at least once a day if possible. Your vigilance will pay off as workers learn to take your wishes seriously. Take photos at every stage of construction. If any infraction of the specifications does occur, it will be

## Final Stages

Careful planning and communicating with landscape designers and contractors is just as important as avoiding tree damage during construction. Irrigation system installation, grading, and planting bed cultivation can damage root systems.

### Post-Construction Tree Maintenance

Your trees will require several years to adjust to the injury and environmental changes that occur during constructio Stressed trees are more prone to health problems, such as disease and insect infestations. Talk to your arborist about continued monitoring and maintenance for your trees.

Despite the best intentions and most stringent tree preservation measures, injury to your trees may still occur. Your arborist can suggest remedial treatments to help reduce stress and improve the growing conditions around your trees.



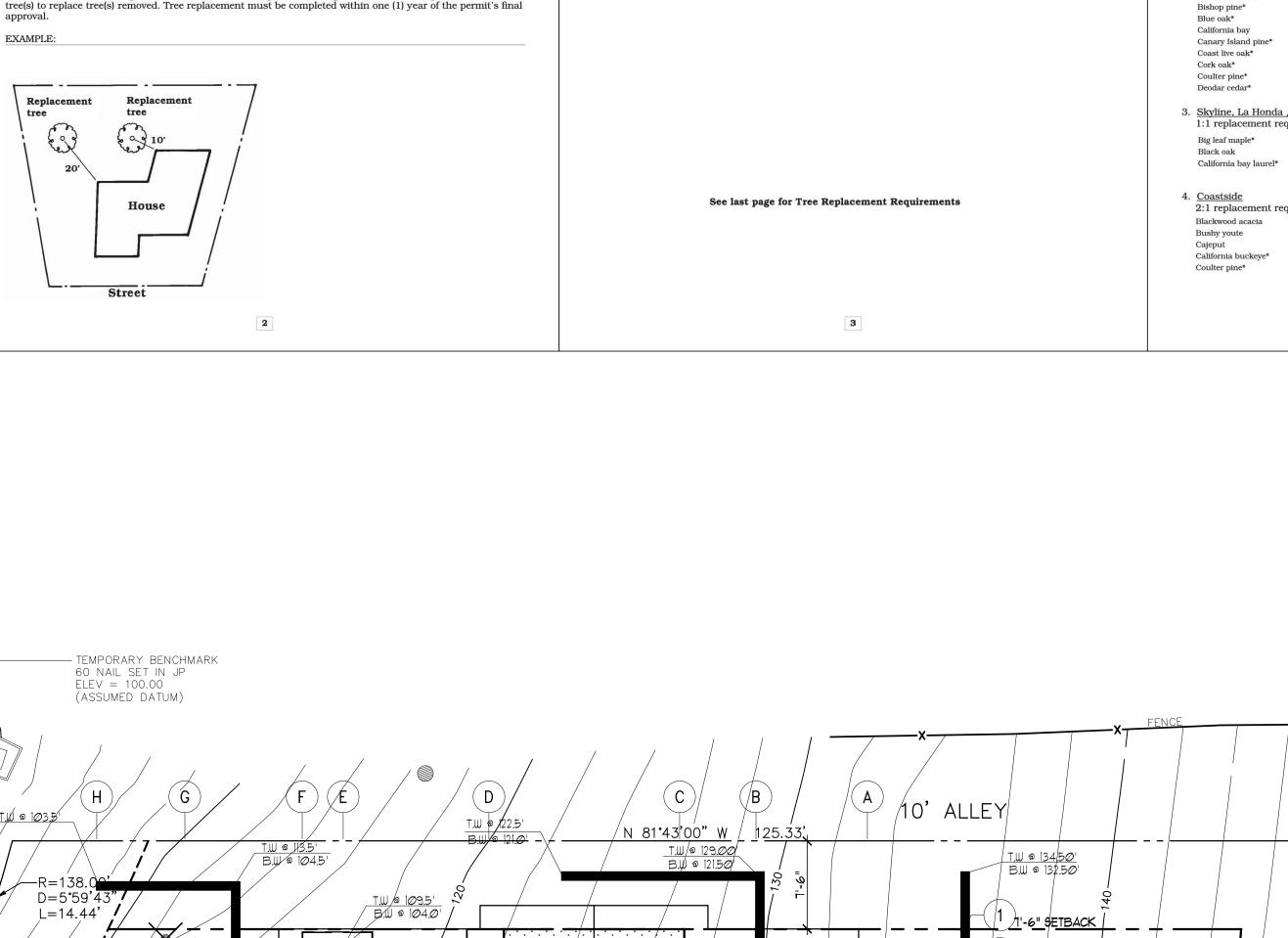
Developed by the International Society of Arboriculture (ISA), a non-profit organization supporting tree care research around the world and dedicated to the care and preservation of shade and ornamental trees. For further information, contact: ISA, P.O. Box 3129, Champaign, IL 61826-3129, USA. E-mail inquiries: isa@isa-arbor.com



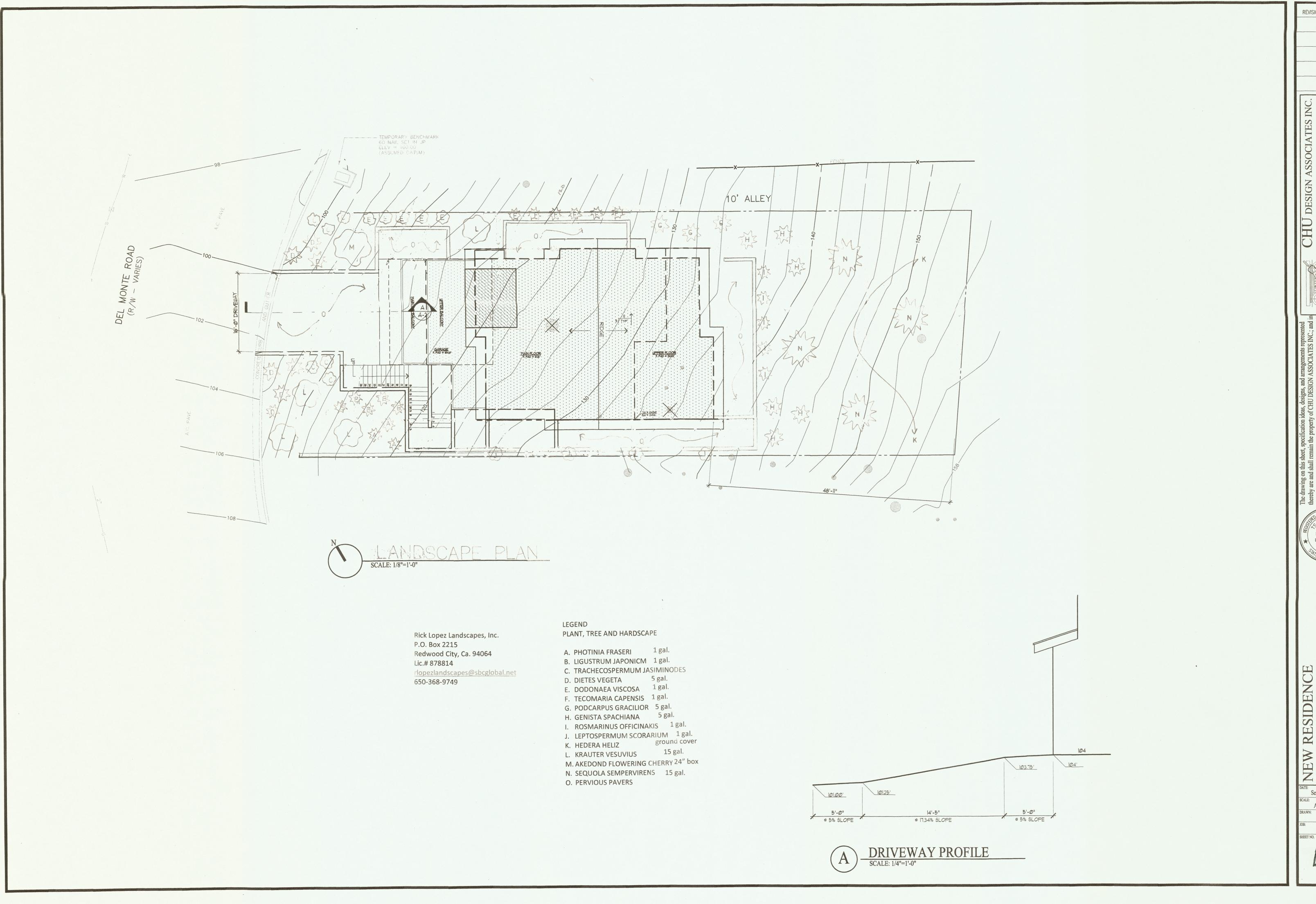
Feb. 7, 2019 AS NOTED

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1.W a/129.50°/ B.W a 118.50°



REVISIONS

A 94018

Sept. 15, 2016 AS NOTED

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