ARMSTRONG-KIPLINGER RESIDENCE 20490 SANTA CRUZ HWY, LOS GATOS CA 95033

SCOPE OF WORK

A NEW 875 SQ. FT. DETACHED GARAGE ON PROPERTY WITH EXISTING SINGLE FAMILY HOME.

APPLICABLE CODES

2019 CALIFORNIA BUILDING CODE

2019 CALIFORNIA RESIDENTIAL CODE

2019 CALIFORNIA PLUMBING CODE 2019 CALIFORNIA MECHANICAL CODE

2019 CALIFORNIA ELECTRICAL CODE

2019 CALIFORNIA FIRE CODE 2019 TITLE 24 BUILDING ENERGY STANDARDS

20490 SANTA CRUZ HWY LOS GATOS, CA 95033

ARMSTRONG/

KIPLINGER

RESIDENCE

DO NOT SCALE PLANS. THESE PLANS ARE INTENDED TO BE PRINTED ON ARCH D. 24X36 SHEETS.

COVER SHEET

DEC 18, 2020

USE BAR SCALE

PROJECT INFORMATION

OWNER: KEN KIPLINGER AND ALISON ARMSTRONG ADDRESS: 20490 SANTA CRUZ HWY

EMAIL: FORALARM@YAHOO.COM, KENKP@ME.COM

LOS GATOS, CA

APN#558-38-033 **ZONING: HS-SR** TYPE: VB, NON-SPRINKLERED OCCUPANCY: R3/U

GENERAL PROJECT REQUIREMNETS, APN MAP.

NEW GARAGE FLOOR PLAN, ROOF PLAN

TOPOGRAPHIC SURVEY

LOS GATOS, CA PHONE: (415) 730-0627 PROJECT ADDRESS: 20490 SANTA CRUZ HWY

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VICINITY MAP, TOC, GEN. NOTES, COVER SHT.

NEW GARAGE EXTERIOR ELEVATIONS & SECTION

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VICINTY MAP N.T.S. Tree House Preschoo & Day Care PROJECT LOC

OFFICE OF COUNTY ASSESSOR - SANTA CLARA COUNTY. CALLEORNIA

OPERATIONAL MANUAL

OPERATION AND MAINTENANCE MANUAL. AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DISC, WEB-BASED REFERENCE OR OTHER MEDIA ACCEPTABLE TO THE ENFORCING AGENCY WHICH INCLUDES ALL OF THE FOLLOWING SHALL BE PLACED IN THE BUILDING 1. DIRECTIONS TO THE OWNER OR OCCUPANT THAT THE MANUAL SHALL REMAIN WITH THE BUILDING THROUGHOUT THE LIFE CYCLE OF THE STRUCTURE. 2. OPERATION AND MAINTENANCE INSTRUCTIONS FOR THE FOLLOWING: A. EQUIPMENT AND APPLIANCES, INCLUDING WATER-SAVING DEVICES AND SYSTEMS, HV AC SYSTEMS, WATER-HEATING SYSTEMS AND OTHER MAJOR APPLIANCES AND EQUIPMENT. B. ROOF AND YARD DRAINAGE, INCLUDING GUTTERS AND DOWNSPOUTS. C. SPACE CONDITIONING SYSTEMS, INCLUDING CONDENSERS AND AIR FILTERS. D. LANDSCAPE IRRIGATION SYSTEMS. E. WATER REUSE SYSTEMS 3. INFORMATION FROM LOCAL UTILITY, WATER AND WASTE RECOVERY PROVIDERS ON METHODS TO FURTHER REDUCE RESOURCE CONSUMPTION, INCLUDING RECYCLE PROGRAMS AND LOCATIONS. 4. PUBLIC TRANSPORTATION AND/OR CARPOOL OPTIONS AVAILABLE IN THE AREA. 5. EDUCATIONAL MATERIAL ON THE POSITIVE IMPACTS OF AN INTERIOR RELATIVE HUMIDITY BETWEEN 30-60 PERCENT AND WHAT METHODS AN OCCUPANT MAY USE TO MAINTAIN THE RELATIVE HUMIDITY LEVEL IN THAT RANGE

INSTRUCTIONS FOR MAINTAINING GUTTERS AND DOWNSPOUTS AND THE IMPORTANCE OF DIVERTING WATER AT LEAST 5 FEET AWAY FROM THE FOUNDATION. B. INFORMATION ON REQUIRED ROUTINE MAINTENANCE MEASURES, INCLUDING, BUT NOT LIMITED TO, CAULKING, PAINTING, GRADING AROUND THE BUILDING, ETC.

ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS AND AEROSOL PAINT CONTAINERS MUST REMAIN ON THE SITE FOR FIELD VERIFICATION BY THE BUILIDNG INSPECTOR PER CGBSC 4.504.2.4 VERIFICATION OF COMPLIANCE WITH THIS SECTION SHALL BE PROVIDED AT THE REQUEST OF THE ENFORCING AGENCY. DOCUMENTATION MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

PRODUCTS INSTALLED ÓN THIS PROJECT ARE WITHÍN THE EMMISSION LIMITS SPECIFIED IN CGBSC SECTION 4.504.

6. INFORMATION ABOUT WATER-CONSERVING LANDSCAPE AND IRRIGATION DESIGN AND CONTROLLERS WHICH

9. INFORMATION ABOUT STATE SOLAR ENERGY AND INCENTIVE PROGRAMS AVAILABLE. 10. A COPY OF ALL SPECIAL INSPECTION VERIFICATIONS REQUIRED BY THE ENFORCING AGENCY OR THIS CODE.

CALGREEN ENVIRONMENT AIR QUALITY

1. MANUFACTURER'S PRODUCT SPECIFICATION. 2. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS.

PRIOR TO FINAL INSPECTION, A LETTER SIGNED BY THE GENREAL CONTRACTOR OR THE OWNER/BUILDER (FOR ANY OWNER/BUILDER PROJECTS) MUST BE PROVIDED TO THE BUILDING OFFICIAL CERTIFYING THAT ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AEROSOL PAINTS, AEROSOL COATINGS, CARPET SYSTEMS (INCLUDING CARPETING, CUSHION AND ADHESIVES), RESILIENT FLOORING SYSTEMS, AND COMPOSITE WOOD

STAMP

COUNTY STAMP SPACE

STA	ANDARD ABBR	EVIAT	IONS		
&	and	НВ	hose bib	ТВ	towel bar
@	at	HC	hollow core	TEL	telephone
C.L.	centerline	HD	hot dipped	TER	terazzo
Ø.L.	diameter	HDWE	hardware	T&G	toungue & gro
PLT	plate	HDWD	hardwood	TOC	top of curb
#	pound/number	HM	hollow metal	TOP	top of carb
π (Ε)	existing	HORIZ	horizontal	TP	top of plate
	•	HR	hour	TPD	
(N) AB	new anchor bolt	HT			toilet paper
AC		HTG	height	dispenser TPG	tompored plat
	asphaltic concrete		heating		tempered plate
AGG	aggregate	HTR	heater	glass	4-9-4
ALT	alternate	ID.		TPH	toilet paper ho
ALUM	aluminum .	ID	inside diameter	TSCH	toilet seat cov
APPROX	• •	IN	inches	dispenser	
ARCH	architect	INT	interior	TV	television
ASB	asbestos	INSUL	insulation	TW	top of wall
ASPH	asphalt			TYP	typical
AVE	avenue	JAN	janitor	VENT	ventilation
AVG	average	JT	joint	VERT	vertical
				VEST	vestibule
BB	bulletinboard	KD	kiln dried	VGDF	vertical grain
BD	board			Douglas Fir	
BITUM	bituminous	LAB	lab	VOL	volumn
BLDG	building	LAM	laminated		
BLK	block	LAV	lavatory	W/	with
BVLD	boulevard		•	WC	water closet
BM	benchmark/beam	MAT	material	WD	wood
		MAX	maximum	WF	wide flange
CAB	cabinet	MC	medicine cabinet	WIN	window
CB	catch basin/chalkboard	MDF	medium density fiberboard		without
CEM	cement	MECH	mechanical	WP	waterproof(ing
CI	cast iron	MEMB	membrane	WSCT	wainscot
CJ	control joint	MET	metal	WT	weight
CLG	ceiling	MFGR	manufacture(r)	V V I	weigitt
CLKG	caulking	MH	manhole		
CLRG	clear	MIN	minimum		
CNTR	counter	MIR	mirror		
CO		MISC			
	cleanout		miscellaneous		
COL	column	MO	masonry opening		
CONC	concrete	MOD	module/modular		
CONN	connection	MTD	mounted		
CONST	contruction	MUL	mullion		
CONT	continuous				
CORR	corridor	NIC	not in contract		
CTR	center	NO	number		
CYL	cylinder	NOM	nominal		
		NTS	not to scale		
DBL	double				
DEPT	department	OC	on center		
DF	Douglas Fir/drinking fountain	OD	outside diameter		
DIA	diameter	OFF	office		
DIM	dimension				
DISP	dispenser	OPNG	opening		
DN	down	OPP	opposite		
DS	downspout				
DW	dishwasher	PART	partition		
DWG	drawing		•		
DWL	dowel				

provided/supplied by owner

perpendicular

property line

pressure treated

reiforce/reinforcing

plate glass

plywood

quarry tile

rise/radius

roof drain

reference

required

resiliant

revision

redwood

section

select

shower

refridgerato

rough opening

rain water leader

soap dispense

sanitary napkin dispenser

sanitary napkin recepticle

sheet glass

specification

stainless steel

service sink

standard

structural

symetrical

suspend(ed)

PLYWD

REINF

REFR

REQ

RESIL

REV

SEL

SND

SNR

SPEC

STD

STRUCT

SUSP

SYM

GENERAL CODE NOTES

 DOOR BETWEEN HOUSE & GARAGE SHALL BE TIGHT-FITTING, 1-3/8", 20 MIN. RATED, SOLID CORE. EQUIPPED WITH SELF-CLOSING AND SELF-LATCHING DEVICE OR IN COMPLIANCE W/ CRC SECT. R302.5.1

USEABLE AREA UNDER STAIRS SHALL BE PROTECTED WITH 5/8" TYPE "X" GYPSUM BOARD. MINIMUM REQUIREMENTS FOR R-3 OCCUPANCY IS 1/2" GYP. BOARD, CRC SECTION R302.7.

3. HANDRAILS: HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT OF FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY GREATER THAN 2". NON-CIRCULAR HANDRAILS SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4" AND NOT GREATER THAN 6 1/4" WITH A MAX. CROSS SECTION DIMENSION OF 2 1/4". EDGES SHALL HAVE A MIN. RADIUS OF 0.01". CRC R311.7.8, R311.7.8.1, R311.7.8.3. R311.7.8.4 AND R311.7.8.5.

4. GUARDRAILS (GUARDS), INTERIOR OR EXTERIOR SHALL COMPLY WITH R312.1.2 EXCEPTION- GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT OF NOT LESS THAN 34" AND NOT MORE THAN 38" MEASURED VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF THE TREADS. GUARDS SHALL NOT HAVE AN OPENING FROM THE WALKWAY SURFACE TO THE REQUIRED HEIGHT WHICH ALLOW PASSAGE OF A 4" DIAMETER SPHERE, CRC R312.1.3

5. EGRESS WINDOWS IN EACH BEDROOM SHALL COMPLY WITH CRC SECTION R310, OPERABLE FROM THE INSIDE TO PROVIDE A FULL, CLEAR OPENING WITHOUT THE USE OF SEPARATE TOOLS. ESCAPE WINDOWS SHALL HAVE A MINIMUM NET CLEAR OPENABLE AREA OF 5.7 SF, AND 5.0 SF AT GRADE FLOOR OPENINGS. MINIMUM NET CLEAR HEIGHT 24", WIDTH OF 20" MINIMUM, AND FINISHED SILL NOT MORE THAN 44" ABOVE THE FINISHED FLOOR.

6. EACH HABITABLE ROOM SHALL COMPLY WITH MIN. AREA FOR NATURAL LIGHT AND VENTILATION OR MEET THE REQUIREMENTS FOR EXCEPTIONS, PER CRC SECTIONS R303.1. BATHROOMS SHALL COMPLY WITH MIN. AREA FOR NATURAL LIGHT OR MEET REQUIREMENTS FOR EXCEPTIONS. PER CRC SECT. R303.3. BATHROOMS AND LAUNDRY ROOMS SHALL BE

WITHIN 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE OF THE

8. SMOKE ALARMS SHALL BE INSTALLED PER CRC SECTION R314, AND HAVE THEIR PRIMARY POWER SOURCE FROM THE BUILDING WIRING AND EQUIPPED WITH A BATTERY BACKUP. LOCATE ALARMS IN EACH SLEEPING ROOM AND ON THE CEILING OR WALL OUTSIDE SLEEPING AREA IN IMMEDIATE VICINITY OF BEDROOMS

9. WATER HEATERS SHALL BE STRAPPED FOR SEISMIC BRACING, TOP AND BOTTOM PER CPC SECTION 507.2 AND SECURED TO THE STRUCTURE. LISTED WATER HEATERS SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTINGS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PER CPC 504.3.1. UNLISTED WATER HEATERS SHALL BE INSTALLED WITH A CLEARANCE OF 12" ON ALL SIDES AND REAR PER CPC 504.3.2. COMBUSTION AIR SHALL BE PROVIDED IN ACCORDANCE WITH CMC SECTION 701. WATER HEATER CLOSET OPENING SHALL HAVE A MINIMUM OF 1 SQ. IN. PER 1000 BTU INPUT, BUT NOT LESS THAN 100 SQ. IN. ONE OPENING SHALL COMMENCE WITHIN 12" OF THE TOP OF THE ENCLOSURE AND ONE OPENING SHALL COMMENCE WITHIN 12" OF THE BOTTOM OF THE ENCLOSURE PER CMC 701.5.

10. GAS PIPE CONNECTION TO EACH APPLIANCES SHALL HAVE AN ACCESSIBLE SHUT-OFF VALVE AND BE INSTALLED WITH FLEX-CONNECTORS PER CPC 1212.6.

11. GAS APPLIANCES INSTALLED IN THE GARAGE SHALL BE ELEVATED SO THAT PILOTS AND BURNERS ARE AT LEAST 18" ABOVE THE FLOOR PER CPC 507.13. PROTECT APPLIANCES FROM DAMAGE BY INSTALLING A PROTECTIVE STEEL POST, 3" DIA. X 24" HIGH, 12" IN FRONT OF APPLIANCE, UNLESS LOCATED OUTSIDE THE NORMAL PATH OF A VEHICLE.

12. VENTING OF GAS APPLIANCES SHALL BE IN ACCORDANCE WITH CMC SECTION 802. VERIFY RUN, OFFSETS, SLOPES AND DIRECTION OF VENTS THROUGH FRAMING TO PROVIDE MINIMUM CLEARANCE TO COMBUSTIBLES FOR TYPE FLUE USED.

13. SHOWER AND TUB-SHOWER VALVES SHALL BE PRESSURE BALANCED AND/OR THERMOSTATIC MIXING VALVES AND SHALL COMPLY WITH CPC SECTION 408.3.

14. WATER HEATER PRESSURE RELIEF VALVES SHALL BE EQUIPPED WITH PIPING DIRECTLY TO THE EXTERIOR AND TERMINATING NOT LESS THAN 6" ABOVE GRADE. INSTALL HOSE BIBBS AT LOCATIONS NOTED HB. USE FAUCET TYPE EQUIPPED WITH BACKFLOW OR BACK SIPHONAGE PROTECTION PER CPC SECTION 603.5.7.

15. INSTALL WATER CLOSETS (TOILETS) HAVING A 1.28 GALLONS/FLUSH MAXIMUM. PER CALIFORNIA CIVIL CODE ARTICLE 1101.4 AND CALGREEN SECTION 4.303.1.1 THE WATER CLOSET SPACE SHALL BE SET NO CLOSER THAN 15" FROM ITS CENTER TO A SIDE WALL AND NO CLOSER THAN 30" CENTER TO CENTER TO A SIMILAR FIXTURE. CLEARANCE IN FRONT OF WATER CLOSET SHALL BE NOT LESS THAN 24" PER CPC SECTION 402.5.

16. INSTALL UNDERFLOOR ACCESS WITH ACCESSIBLE MINIMUM CLEARANCE 18" x 24" AND FREE FROM PIPES, DUCTS AND SIMILAR OBSTRUCTION, CRC SECTION R408.4.

17. INSTALL ATTIC ACCESS WITH MINIMUM 22" x 30" ROUGH OPENING LOCATED IN HALLWAY OR OTHER READILY ACCESSIBLE LOCATION, HAVING A 30" MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE, ABOVE THE OPENING, CRC R807.1.

18. WHIRLPOOL TUB SHALL COMPLY WITH CPC SECTION 409.0 AND THE CEC. ELECTRICAL POWER SOURCE SHALL BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION.

19. LIGHT FIXTURES INSTALLED IN CLOSETS SHALL BE SURFACE MOUNTED FLUORESCENT, LOCATED ON THE WALL ABOVE THE DOOR AND HAVE MINIMUM CLEARANCES OF 12" TO STORAGE SHELVES, PER CEC SECTION 410.2.

20. ELECTRICAL RECEPTACLES LOCATED IN THE GARAGE, (SEE EXCEPTIONS FOR SPECIFIC EQUIPMENT) EXTERIOR (WATERPROOF), CRAWL SPACE, BATHROOMS. KITCHEN COUNTERS AND WITHIN 6' AND WITHIN 6' EACH WAY FROM SINKS OR LAVATORIES, SHALL BE GROUND_FAULT CIRCUIT INTERRUPTER PROTECTED (GFI) IN ACCORDANCE WITH CEC SECTION 210.8.

21. INSTALL LIGHT FIXTURES, LOCATED IN KITCHENS AND ROOMS HAVING WATER CLOSETS THAT DO NOT EXCEED 40 LUMENS/WATT (FLUORESCENT TYPE) PER CALIFORNIA TITLE 24. INSTALL FIXTURES RATED FOR DAMP LOCATIONS (DL), EXTERIOR AND IN SHOWER OR TUB COMPARTMENTS. INSTALL FIXTURES RECESSED IN THE CEILINGS RATED FOR INSULATION PROTECTION (IC/AT) AND AIRTIGHT PER CEC SECTION 410.10.

22. INSTALL SOLID BACKING AT WALLS AND WATERPROOF MEMBRANE AT SHOWER PAN, SEAMLESS TYPE "OATEY" UP 12" MIN WALLS AND OVER SHOWER CURB. SHAPE SHOWER PAN FLOOR USING 3/4" PLYWOOD SHIMMED TO FORM SLOPE TO DRAIN. INSTALL 4 X 4 PTDF CURB, PER CPC 408.5 - 408.7.

23. INSTALL WATERPROOF MATERIAL SUCH AS TILE, ON SHOWER WALLS +72" MIN ABOVE THE FLOOR PER CRC R307.2

24. FINISHED ROOFING MATERIAL SHALL BE INSTALLED AND COMPLETED PRIOR TO FRAME INSPECTION PER CRC SECT.

25. ALL SHOWER HEADS IN THE EXISTING RESIDENCE WITH A FLOW RATE GREATER THAN 2.5 GPM WILL NEED TO BE REPLACED WITH A MAXIMUM 1.8 GPM SHOWER HEAD. FAUCETS WITH A FLOW RATE GREATER THAN 2.2 GPM WILL NEED TO BE REPLACED WITH MAXIMUM FLOW RATE OF 1.2 GPM FOR LAVATORY FAUCETS AND 1.8 GPM FOR KITCHEN FAUCETS PER CALIFORNIA CIVIL CODE ARTICLE 1101.4 AND CALGREEN SECTION 4.303.

1802DD121820Garage.vwx 12/18/20 9:50:14 AM

each

elevatior

electrical

emergency

electric panelboard

enclosure

equipmen

existing

exterior

fire alarm

floor drain

foundation

flashing

flourescent

face of concrete

face of finish

face of stud

fire proof

foot/fee

furnish

furring

future

grab bar

gypsum

galvanized

fire extinguisher

fire hose cabinet

fire extinguisher cabinet

elevator

EMER

ENCL

EXIST

EXT

FDN

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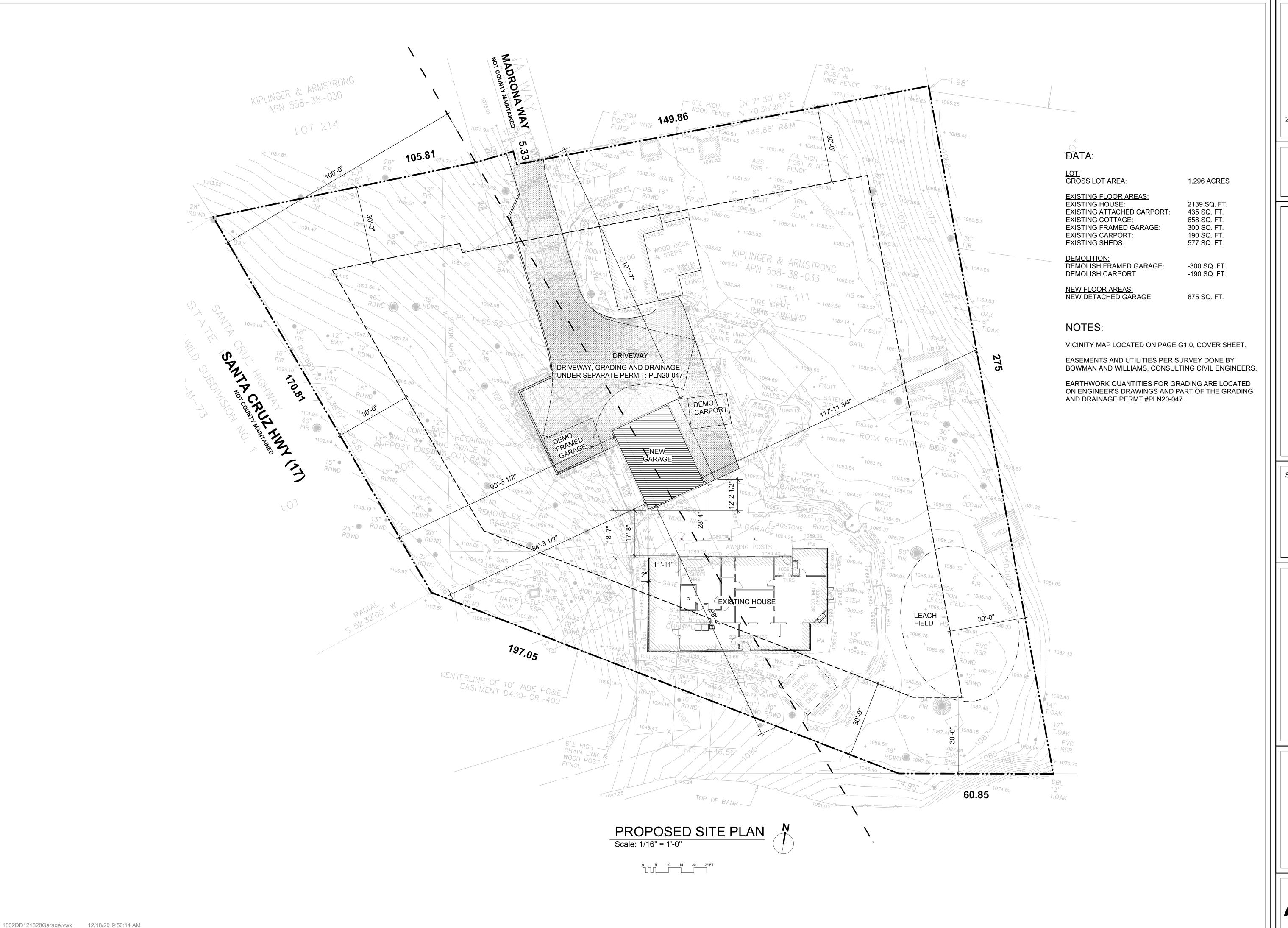
FOS

FPRF

FUT

GYP

expansion join



ARMSTRONG/ KIPLINGER RESIDENCE

20490 SANTA CRUZ HWY. LOS GATOS, CA 95033

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PROPOSED SITE PLAN

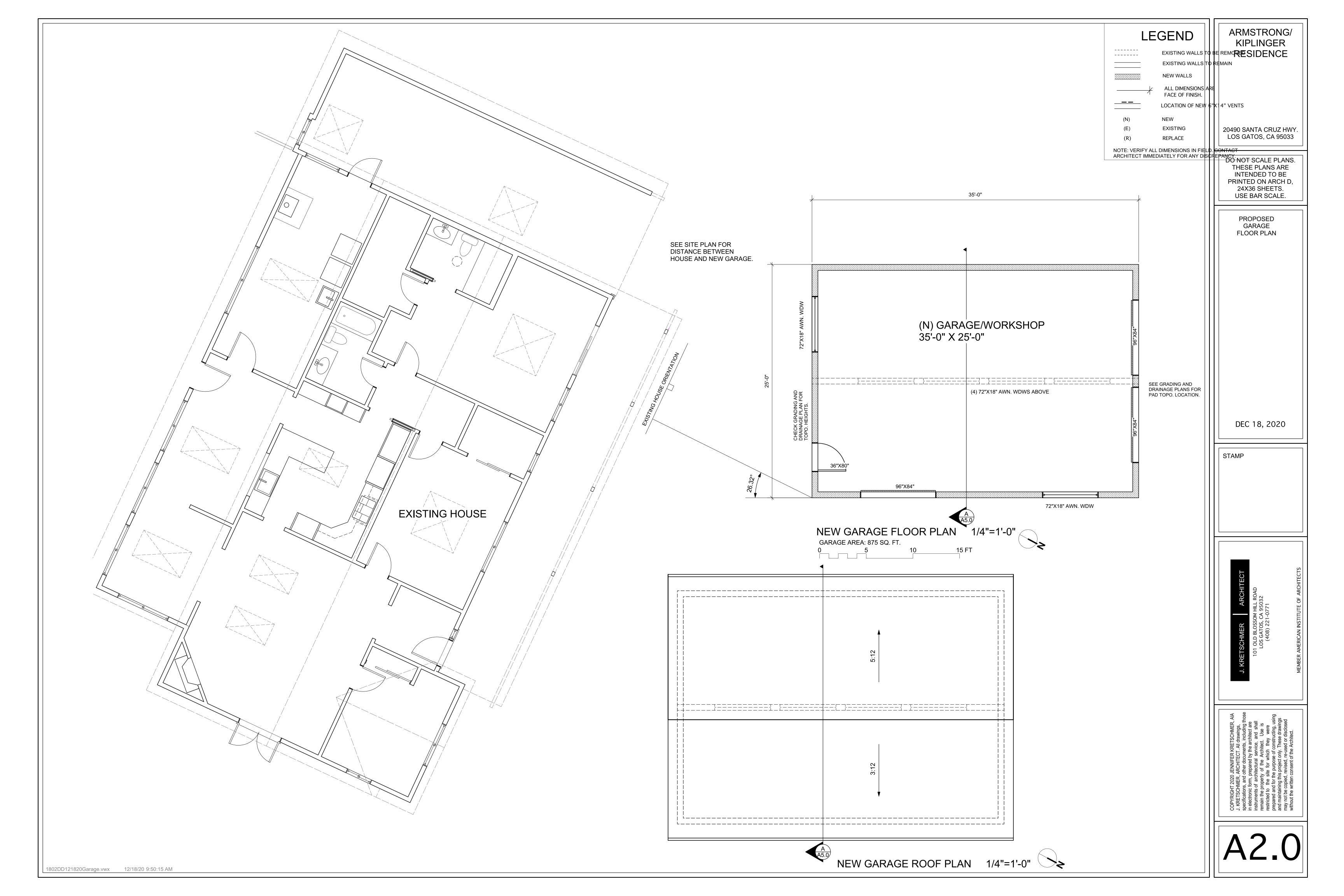
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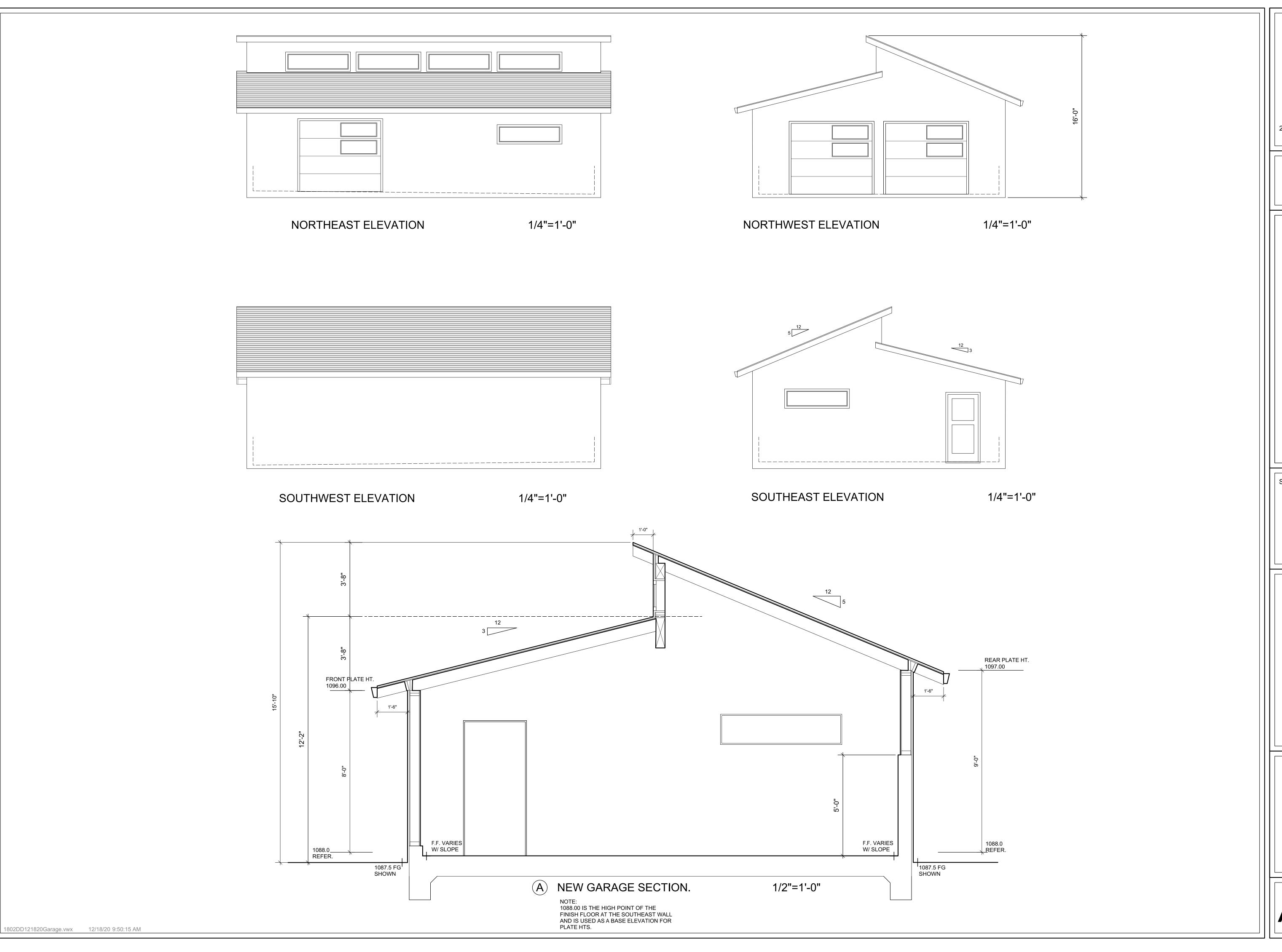
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101 OLD BLOSSOM HILL ROAD
LOS GATOS, CA 95032
(408) 221-0771

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ARCHITECT

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