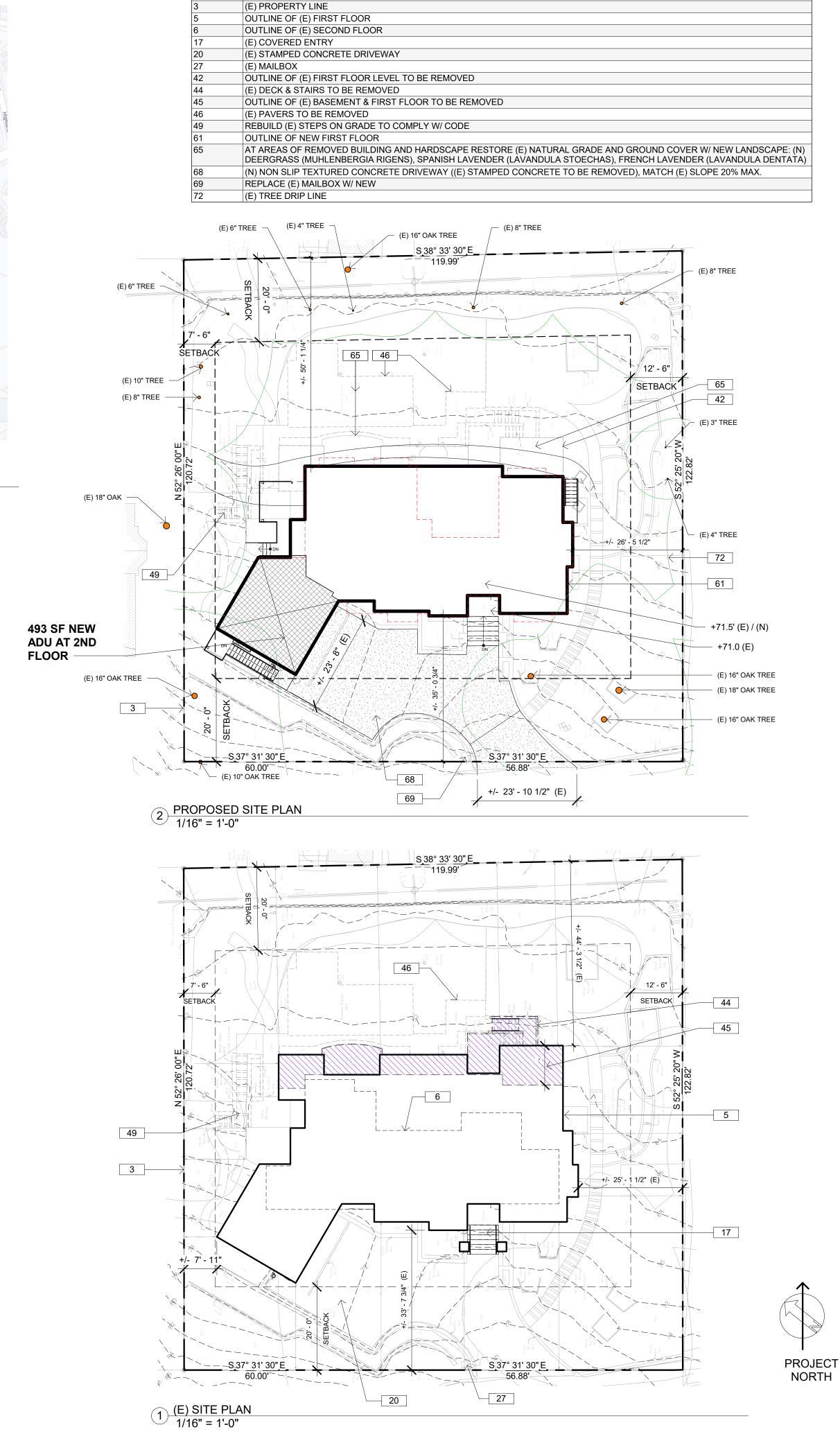


3 LOCATION MAP



KEY NOTES LEGEND

KEY #

KEYNOTE TEXT

 SCOPE OF WORK ALTERATIONS TO (E) SINGLE FAMILY DWELLING NEW ADU 						
ZONING	INFORMAT	ION				
ASSESSOR'S PA JURISDICTION ZONING DISTRIC	ARCEL NUMBER	: 057 232 250 : UNINCORPORATED COUNTY (: RH / DR (RESIDENTIAL HILLSIC DISTRICT)		IGN REVIEW		
JURISDICTION ZONING DISTRIC PLANNII "RH" DISRICT ZO NET LOT SIZE MAXIMUM BUILE MAXIMUM LOT O SETBACKS (PEF FRONT REAR Y, SIDE YA FLOOR AREA: (E) FLOO PROPOS LOT COVERAGE (E) LOT PROPOS NOF AREA: (E) ROO PROPOS NEW ADU: NEW ADU: NAME FIRST FLOOR (E) GARAGE SECOND FLOOR TOTAL	CT NG DATA DNING REQUIREMANT DING FLOOR AREA (30 COVERAGE (25% OF S R SECTION 6804) YARD SETBACK ARD SETBACK ARD SETBACK ARD SETBACK COVERAGE SED FLOOR AREA SED LOT COVERAGE SED LOT COVERAGE SED ROOF AREA SED ROOF AREA SED ROOF AREA SED ROOF AREA SED ROOF SAREA FLC (E) AREA 1279 SF 4363 SF	: UNINCORPORATED COUNTY (: RH / DR (RESIDENTIAL HILLSIE DISTRICT) S: % OF SITE PER SECTION 6808) ITE PER SECTION 6806)	E DISTRICT / DES 14,615 SF (0.336 / 4,385 SF 3,653.75 SF 20 FEET 20 FEET 7-1/2 FEET MIN., FEET MIN. 4,363 SF (30% +/- 4,260 SF (29%) 3,538 SF (24%) 2,963 SF (20%) 3,394 SF 3,226 SF 493 SF NS ADDITION 0 SF 0 SF 377 SF	ACRES) COMBINED 20	JOHN MATTH ARCHI 335-A EAST F SAN MATEO, TELE: (650) 3	TECTS
BUILDING DATA OCCUPANCY GROUP : R-3 & U CONSTRUCTION TYPE : V-B BUILDING CODE 1. ALL NEW WORK SHALL BE IN STRICT CONFORMANCE WITH THE FOLLOWING CODES & ORDINANCES INCLUDING BUT NOT LIMITED TO: * PART 1: 2019 CALIFORNIA ADMINISTRATIVE CODE * PART 2: 2019 CALIFORNIA BUILDING CODE * PART 2: 2019 CALIFORNIA RESIDENTIAL CODE * PART 3: 2019 CALIFORNIA RESIDENTIAL CODE * PART 4: 2019 CALIFORNIA RECHANICAL CODE * PART 5: 2019 CALIFORNIA BUILDING CODE * PART 5: 2019 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS & CODE * PART 5: 2019 CALIFORNIA HISTORICAL BUILDING CODE * PART 6: 2019 CALIFORNIA HISTORICAL BUILDING CODE * PART 8: 2019 CALIFORNIA FIRE CODE * PART 9: 2019 CALIFORNIA FIRE CODE * PART 9: 2019 CALIFORNIA FIRE CODE * PART 10: 2019 CALIFORNIA FIRE CODE * PART 11: 2019 CALIFORNIA GREEN BUILDING CODE * PART 11: 2019 CALIFORNIA GREEN BUILDING CODE * PART 12: 2019 CALIFORNIA FIRE CODE * PART 12: 2019 CALIFORNIA REFERENCED STANDARDS CODE (CALGREEN) * PART 11: 2019 CALIFORNIA REFERENCED STANDARDS CODE ALL OTHER ADOPTED APPLICABLE CODES AND ALL OTHER APPLICABLE LOCAL AND STATE LAWS, REGULATIONS, ORDINANCES INCLUDING ALL AMENDATIONS AS ADOPTED IN ORDINANCE 1889.				(E) SINGLE FAMILY HOME ADU FOR	& NATHAN SCHMIDT N WAY, REDWOOD CITY, CA S PARCEL NUMBER: 057 232 1	
		SHEETS INDEX			0 T 0	-L & TON OR'S
	BUILDING CODE INFO NOTES LEGEND BOUNDARY AND TOPO FLOOR AREA DIAGRA (E) BASEMENT FLOOR (E) FIRST FLOOR PLAN NOTES LEGEND (E) SECOND FLOOR S NOTES LEGEND	SHEET NAME NING INFO., PLANNING DATA, FLG ., SHEET INDEX, TEAM INFO., SIT OGRAPHIC SURVEY MS AND FLOOR AREA SCHEDULE PLAN, DEMOLITION LEGEND AN N SHOWING WORK TO BE REMOVED HOWING WORK TO BE REMOVED, DE	DOR AREA CALCS E PLANS, LOCATIO E D KEY NOTES LEC /ED, DEMOLITION LEC	ON MAP AND KEY GEND LEGEND AND KEY GEND AND KEY	ALTERATIONS	JIL 3754 HAMIL ASSESS0
A-2.5E	LÉGEND (E) EXTERIOR ELEVAT	TIONS AND KEY NOTES LEGEND			SCOPE OF	
A-2.6E A-3.1 A-3.2 A-3.3 A-3.4 A-3.5 A-3.6 A-3.7 A-3.8 EC&TPP EC DETAILS	PROPOSED BASEMEN PROPOSED FIRST FLO PROPOSED SECOND PROPOSED ROOF PL/ PROPOSED EXTERIOI EXTERIOR FINISHES S PROPOSED EXTERIOI PROPOSED BUILDING PROPOSED BUILDING	SECTIONS -2 ND TREE PROTECTION PLAN	END AND KEY NOT EGEND AND KEY N D KEY NOTES LEG EXTERIOR SCONO D KEY NOTES LEG	TES LEGEND NOTES LEGEND GEND CE IMAGE,	ZONING INFO., PLANNING DATA, FLOOR AREA CALCS., BUILDING DATA, BUILDING CODE INFO., SHEET INDEX, TEAM INFO., SITE PLANS, LOCATION MAP AND KEY NOTES LEGEND	
TP DETAILS PROJEC OWNER: JILL & NATHAN 3754 HAMILTON REDWOOD CITY MAILING ADDRE 33 IRIS STREET REDWOOD CITY TEL: 415 420 164 ARCHITECT: JOHN MATTHEV	TREE PROTECTION N CT TEAM SCHMIDT I WAY Y, CA 94062 ESS: Y, CA 94062		T, SUITE 300		FEBRUARY 0 REVISION REVISION NO. SCALE	ER 06, 2021 7, 2022

SAN MATEO, CA 94401 TEL: 650 340 1107

SURVEYOR: L. WADE HAMMOND 36660 NEWARK BOULEVARD, SUITE C NEWARK, CA 94560 TEL: 510 579 6112

SHEET

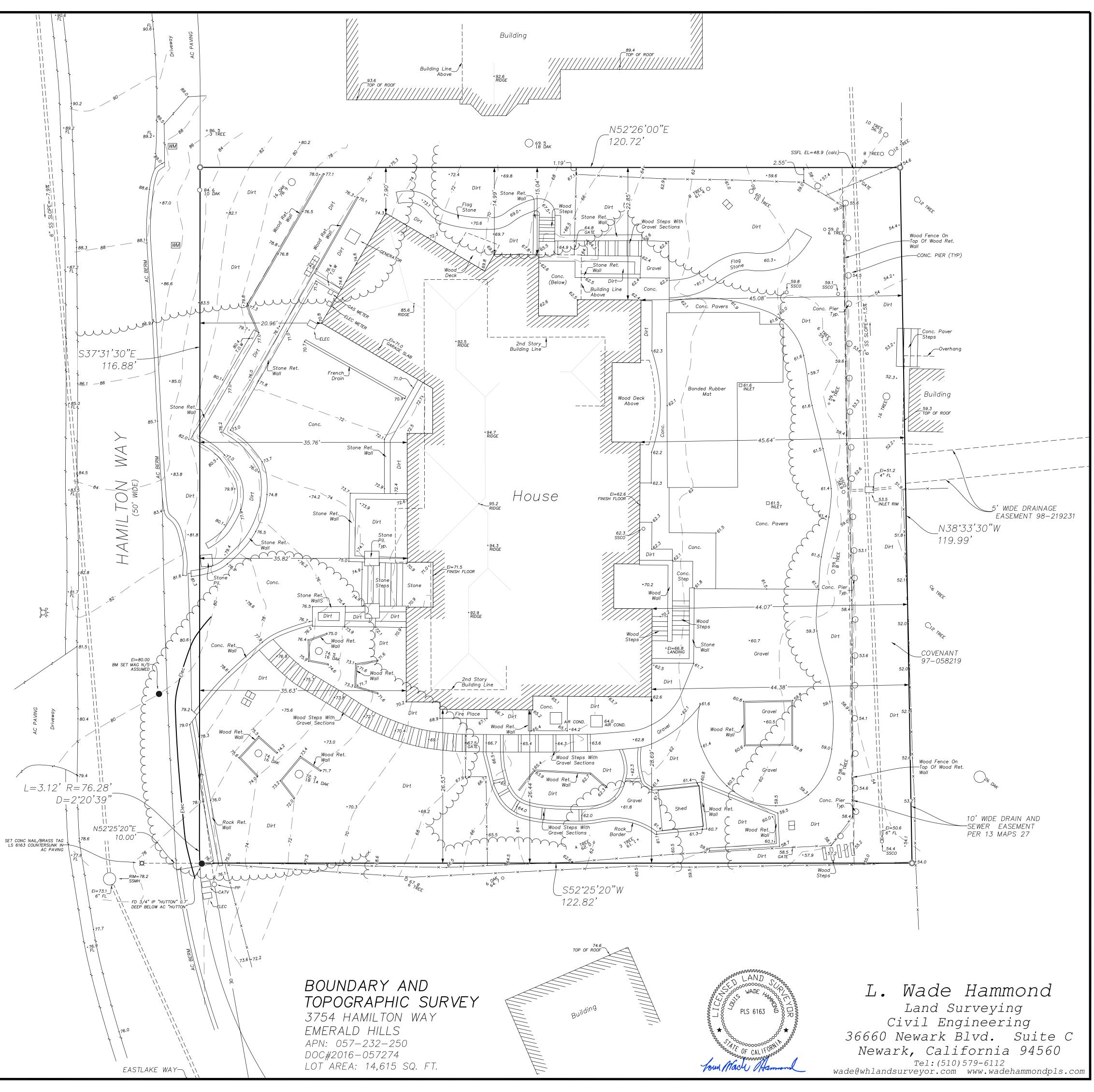
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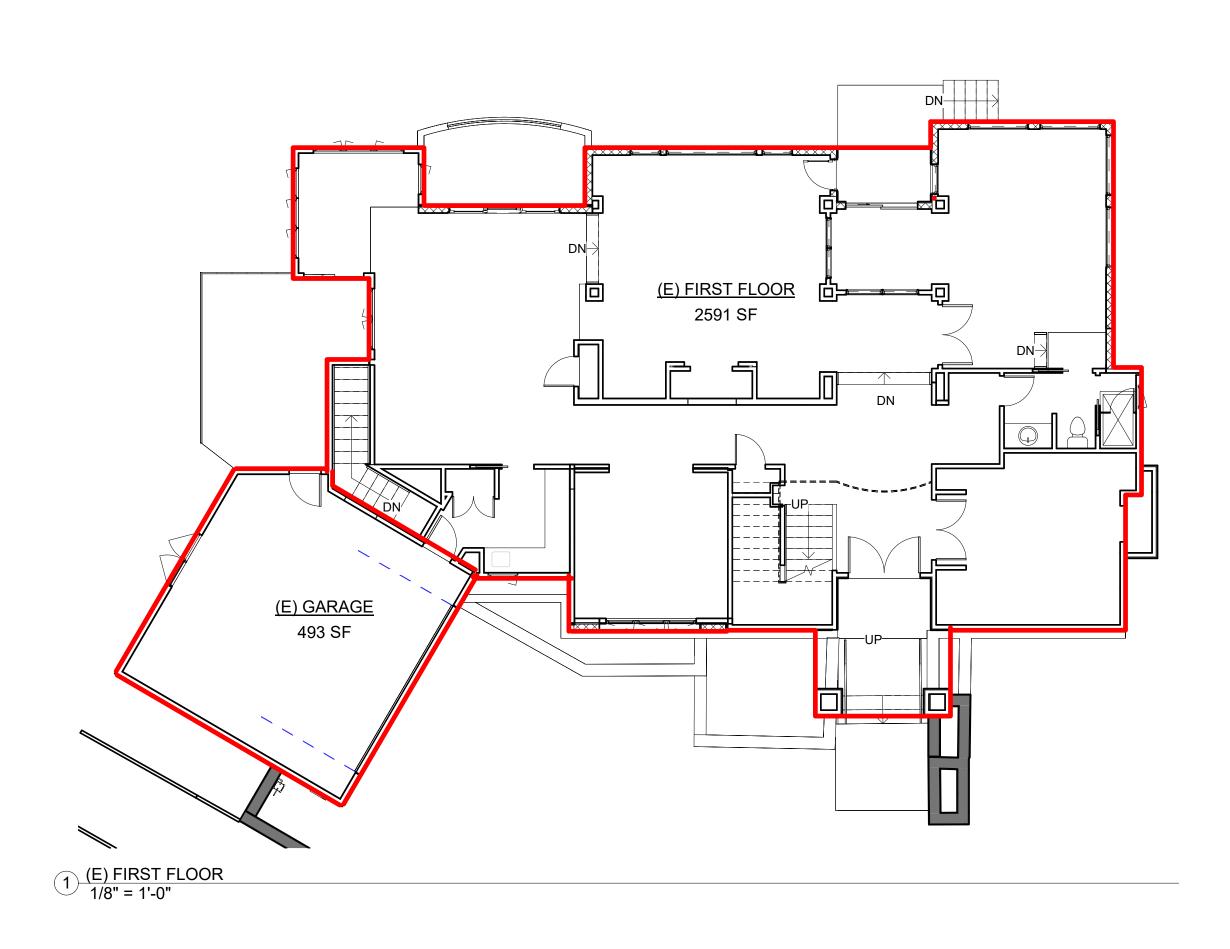
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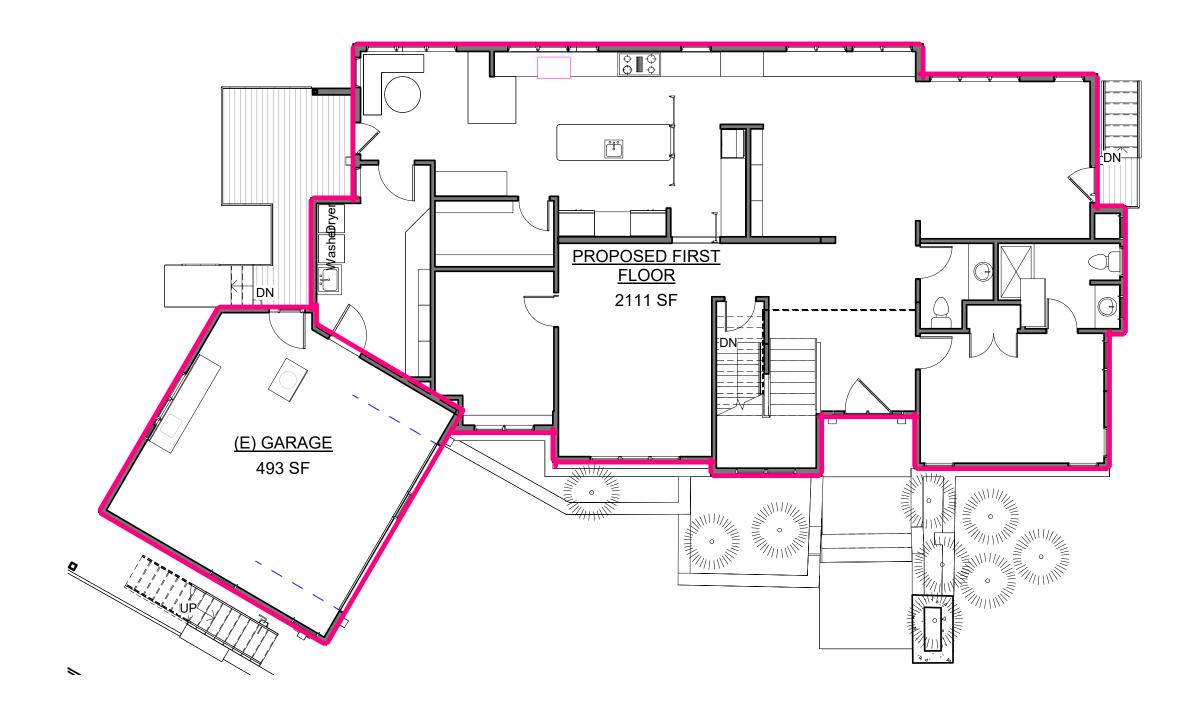
GRAPHIC SCALE (IN FEET) 1 inch = 8 ft. 6-29-2021 ABBREVIATIONS ASPHALT AC CONC. CONCRETE TOP OF CURB TC FLOW LINE T. O. W. top of Wall SDMH STORM DRAIN MANHOLE SSMH SANITARY SEWER MANHOLE P.U.E PUBLIC UTILITY EASEMENT NOTES ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS. BOUNDARY CONTROL: SEE CONCURRENT CORNER RECORD EY MAP UNDERGROUND UTILITY - LOCATION IS BASED ON SURFACE EVIDENCE. BUILDING LOCATION DIMENSIONS ARE MEASURED PERPENDICULAR TO THE PROPERTY LINES. DIMENSIONS TO THE BUILDING ARE TAKEN AT THE EXTERIOR FINISHED SURFACE. THE BUILDING EXTERIOR FINISHED SURFACE IS WOOD SIDING AND VARIES APPROXIMATELY 0.05'-0.09' IN THICKNESS. FINISH FLOOR ELEVATION TAKEN AT DOOR THRESHOLD (EXTERIOR). BENCHMARK: ASSUMED DATUM, POINT AS SHOWN A BOUNDARY SURVEY WAS PERFORMED TO ACCURATELY LOCATE THE LEGAL PROPERTY LINES IN RELATION TO THE EXISTING IMPROVEMENTS (BUILDING) TITLE REPORT: LAWYERS TITLE 2-1-2016 TREE SPECIES IDENTIFICATION: BEST EFFORT, WE ARE NOT ARBORISTS OR DENDROLOGISTS. TREES SHOWN ARE 6" TRUNK DIAMETER OR LARGER, MEASURED 5' ABOVE GRADE

LEGEND

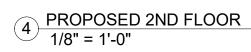
۲	FOUND POINT IN MONUMENT CASTING (AS NOTED)
•	FOUND POINT AS NOTED
O	SET 3/4" IP "PLS 6163" (OR SET POINT AS NOTED)
Ø	SET NAIL/TAG "LS 6163"
()	RECORD DATA / REFERENCE
WM	WATER METER OR WATER VALVE BOX
¥	FIRE HYDRANT
↓ 16 12 8 OAK	TREE – TRUNK DIAMETER IN INCHES TREE SPECIES IDENTIFICATION: BEST EFFORT, WE ARE NOT ARBORISTS OR DENDROLOGISTS
→ 16 12 8 OAK	TREE WITH MULTIPLE TRUNKS
TRUNK	TREE DRIP LINE POINTS TOWARDS TREE TRUNKS. TREE DRIP LINES ABOVE PROPERTY LOCATED AS SHOWN.
+25.34 TC	TOP OF CURB
××	FENCE
OE	OVERHEAD WIRES
\bigcirc_{PP}	POWER POLE
+ 12.34	SPOT ELEVATION
SSCO ⊕ 8.14	SANITARY SEWER CLEAN OUT
ELEC	UTILITY BOX-TYPE AS NOTED SIZE AS DRAWN
	IRRIGATION VALVE BOX
$ \rightarrow$	POLE ANCHOR
Λ	EDGE OF AC PAVING
е — — е —	ELECTRIC LINE (PER SURFACE PAINT)

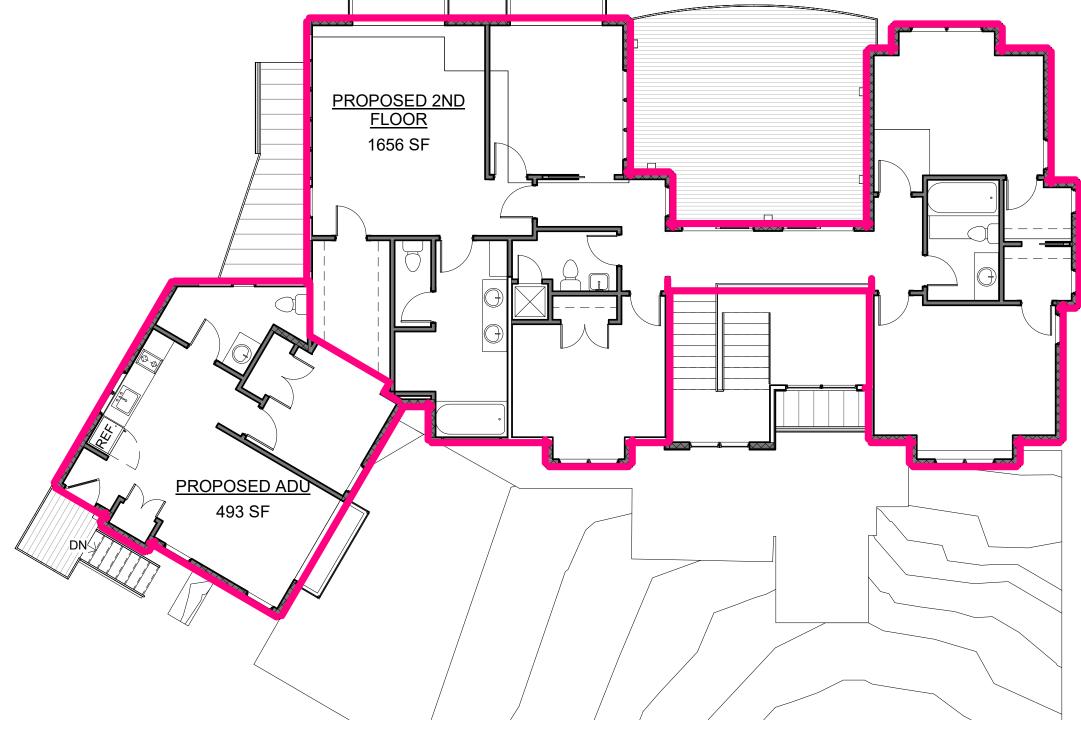




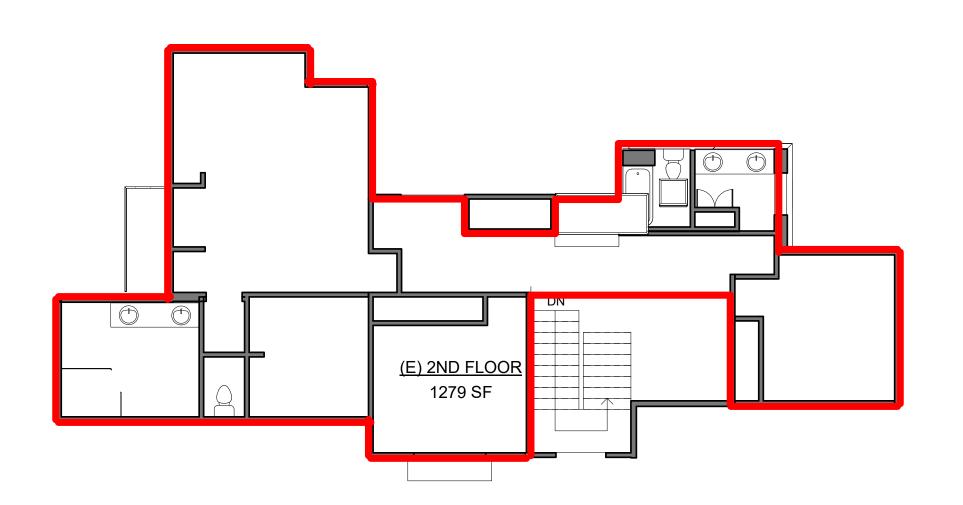


3 PROPOSED FIRST FLOOR 1/8" = 1'-0"

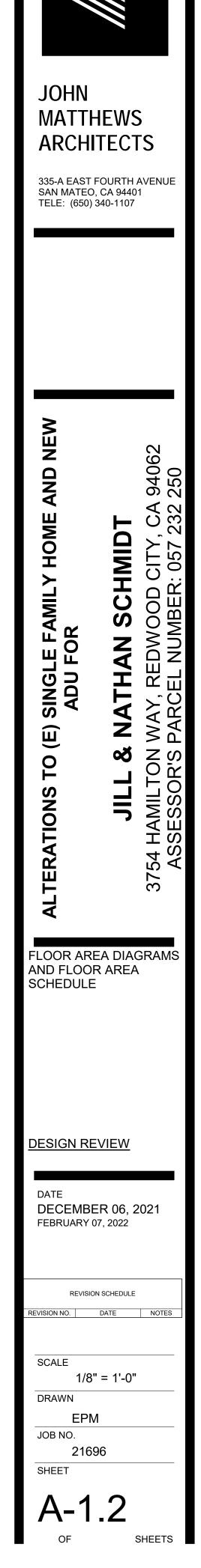


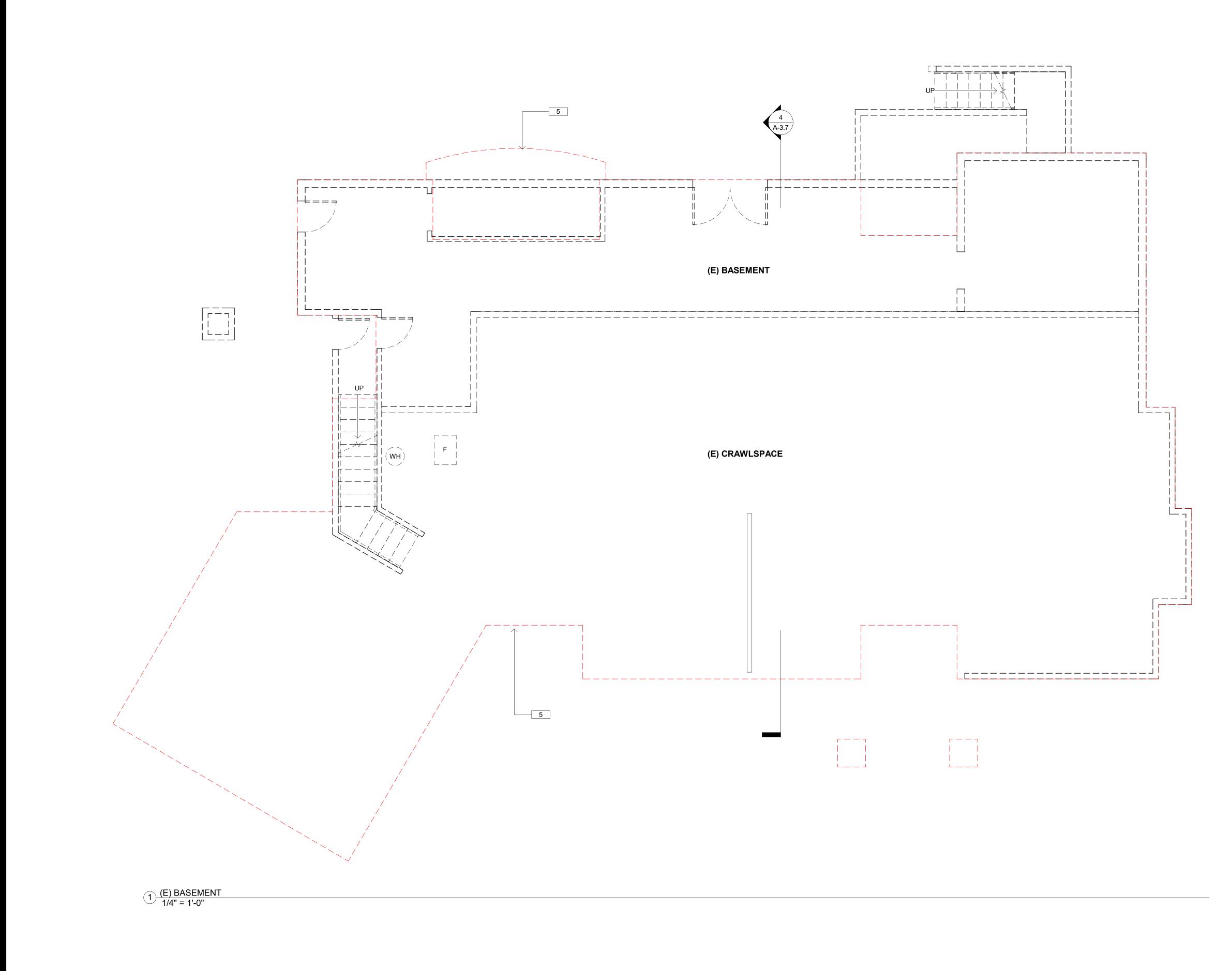


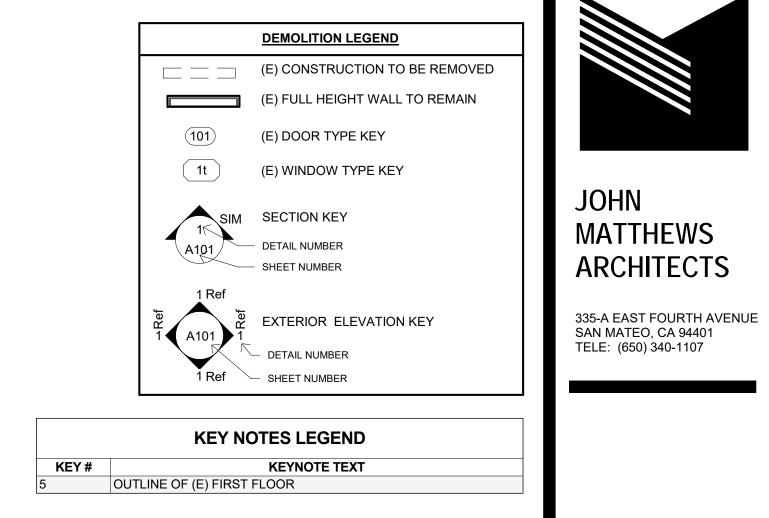
2 (E) SECOND FLOOR 1/8" = 1'-0"



FLOOR AREA CALCULATIONS					
NAME	(E) AREA	AREA TO BE REMOVED	ADDITION	TOTAL AREA	
FIRST FLOOR	2591 SF	480 SF	0 SF	2111 SF	
(E) GARAGE	493 SF	0 SF	0 SF	493 SF	
SECOND FLOOR	1279 SF	0 SF	377 SF	1656 SF	
TOTAL	4363 SF	480 SF	377 SF	4260 SF	





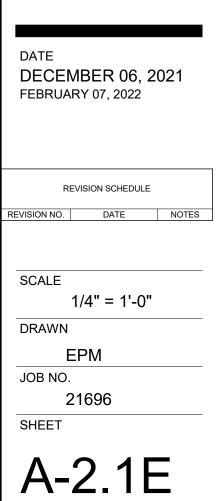




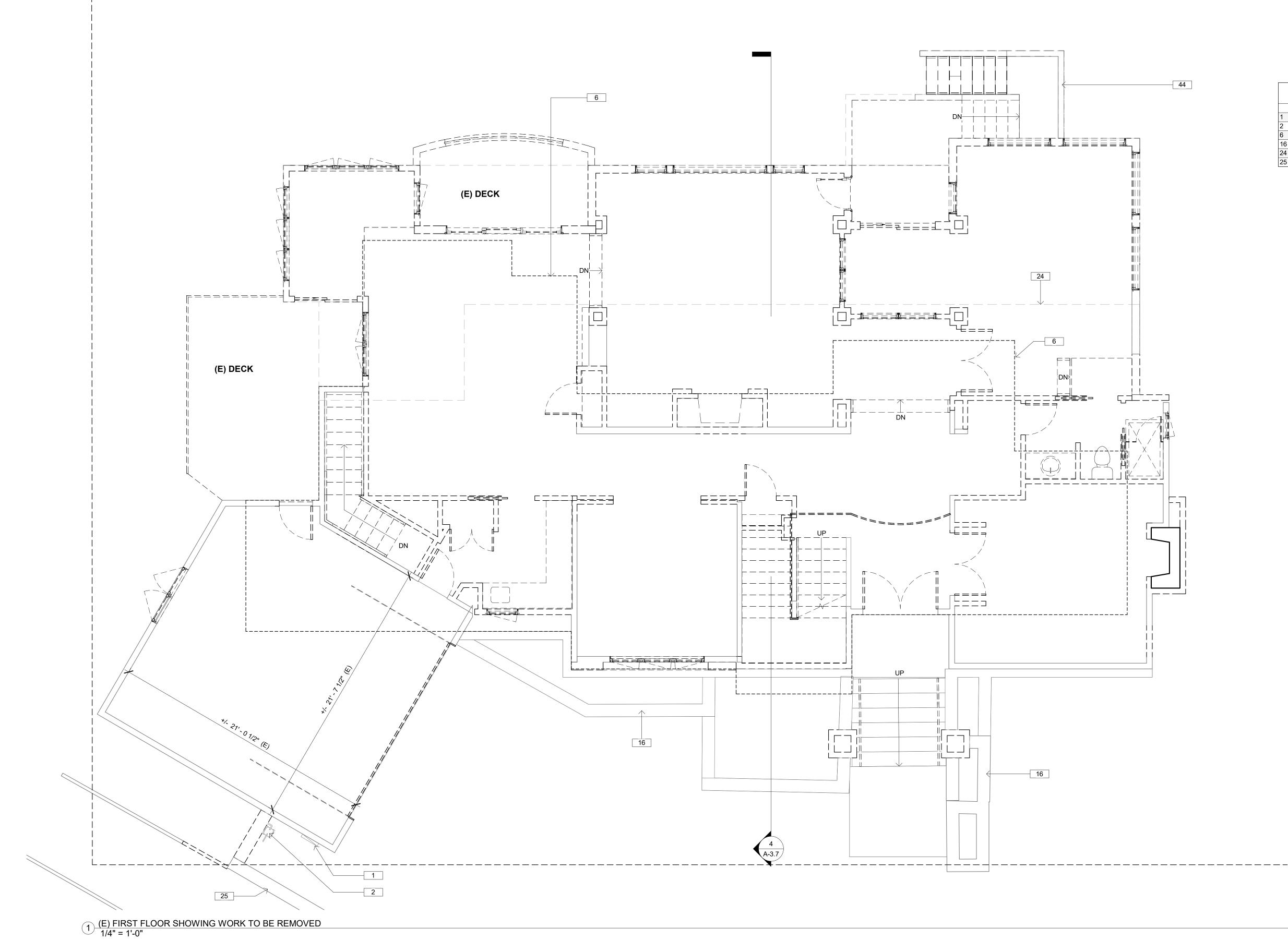


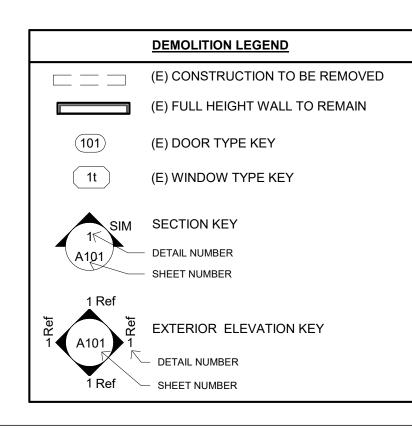
(E) BASEMENT FLOOR PLAN, DEMOLITION LEGEND AND KEY NOTES LEGEND

DESIGN REVIEW



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KEY NOTES LEGEND

KEY #	# KEYNOTE TEXT		
1	(E) ELECTRICAL METER & SERVICE PANEL TO REMAIN		
2	(E) GAS METER TO BE REMOVED / RELOCATED AS REQUIRED		
6	OUTLINE OF (E) SECOND FLOOR		
16	(E) PLANTER		
24	OUTLINE OF (E) BASEMENT		
25	(E) RETAINING WALL TO REMAIN		



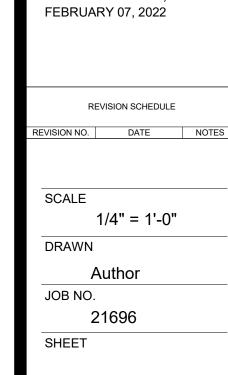
JOHN MATTHEWS ARCHITECTS

335-A EAST FOURTH AVENUE SAN MATEO, CA 94401 TELE: (650) 340-1107

62

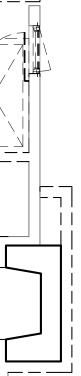
NEV

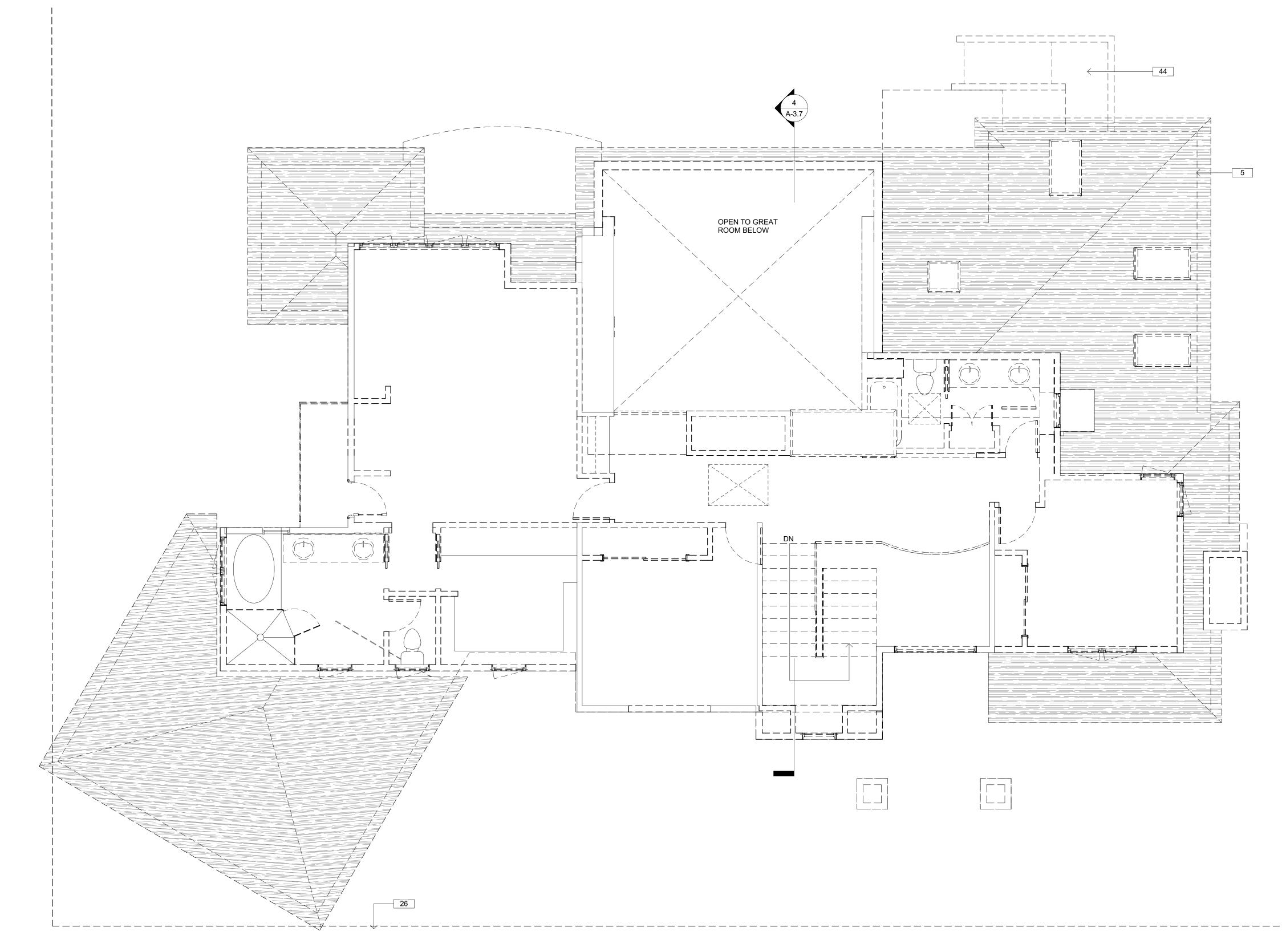
AND \mathbf{O} HOME) SINGLE FAMILY I ADU FOR I **(E**) Ζ **8** NON 2'S 0 TIONS TER 3 (E) FIRST FLOOR PLAN SHOWING WORK TO BE REMOVED, DEMOLITION LEGEND AND KEY NOTES LEGEND DESIGN REVIEW DATE DECEMBER 06, 2021



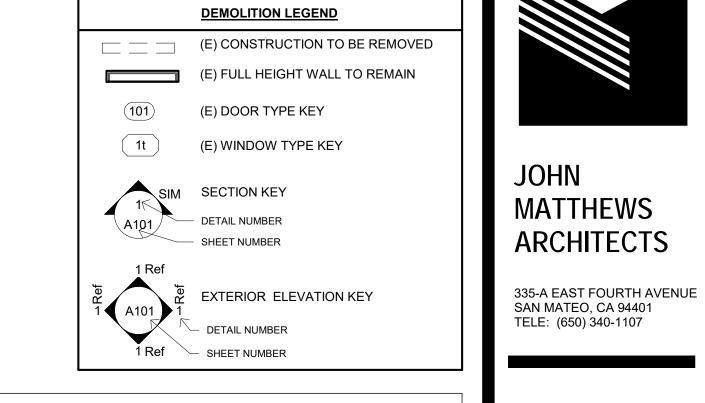




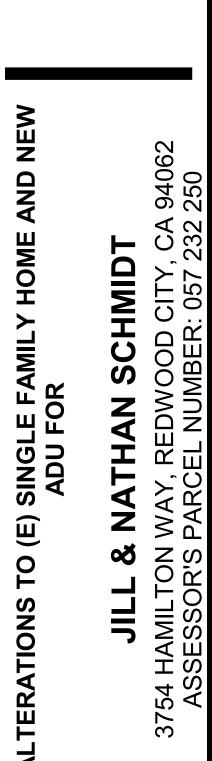




(E) SECOND FLOOR SHOWING WORK TO BE REMOVED 1/4" = 1'-0"



KEY NOTES LEGEND
KEYNOTE TEXT
OUTLINE OF (E) FIRST FLOOR
SETBACKS
(E) DECK & STAIRS TO BE REMOVED
;



NEV

AND

HOME

(E)

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S

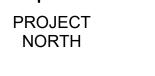
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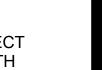
TER

(E) SECOND FLOOR SHOWING WORK TO BE REMOVED, DEMOLITION LEGEND AND KEY NOTES LEGEND

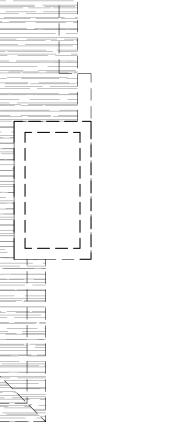
DESIGN REVIEW

DATE DECEMBER 06, 2021 FEBRUARY 07, 2022 REVISION SCHEDULE REVISION NO. DATE NOTES SCALE 1/4" = 1'-0" DRAWN EPM JOB NO. 21696 SHEET A-2.3E





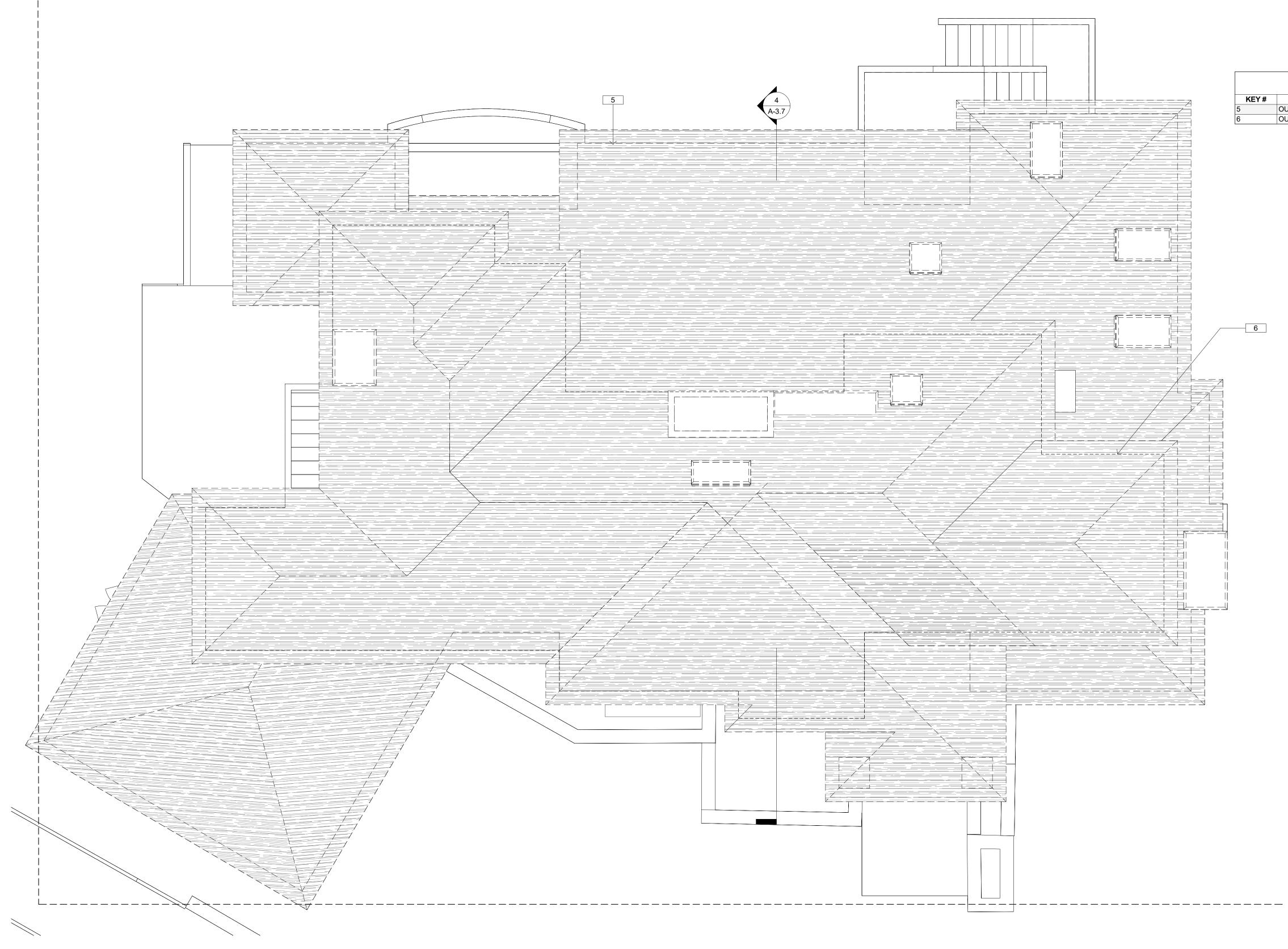




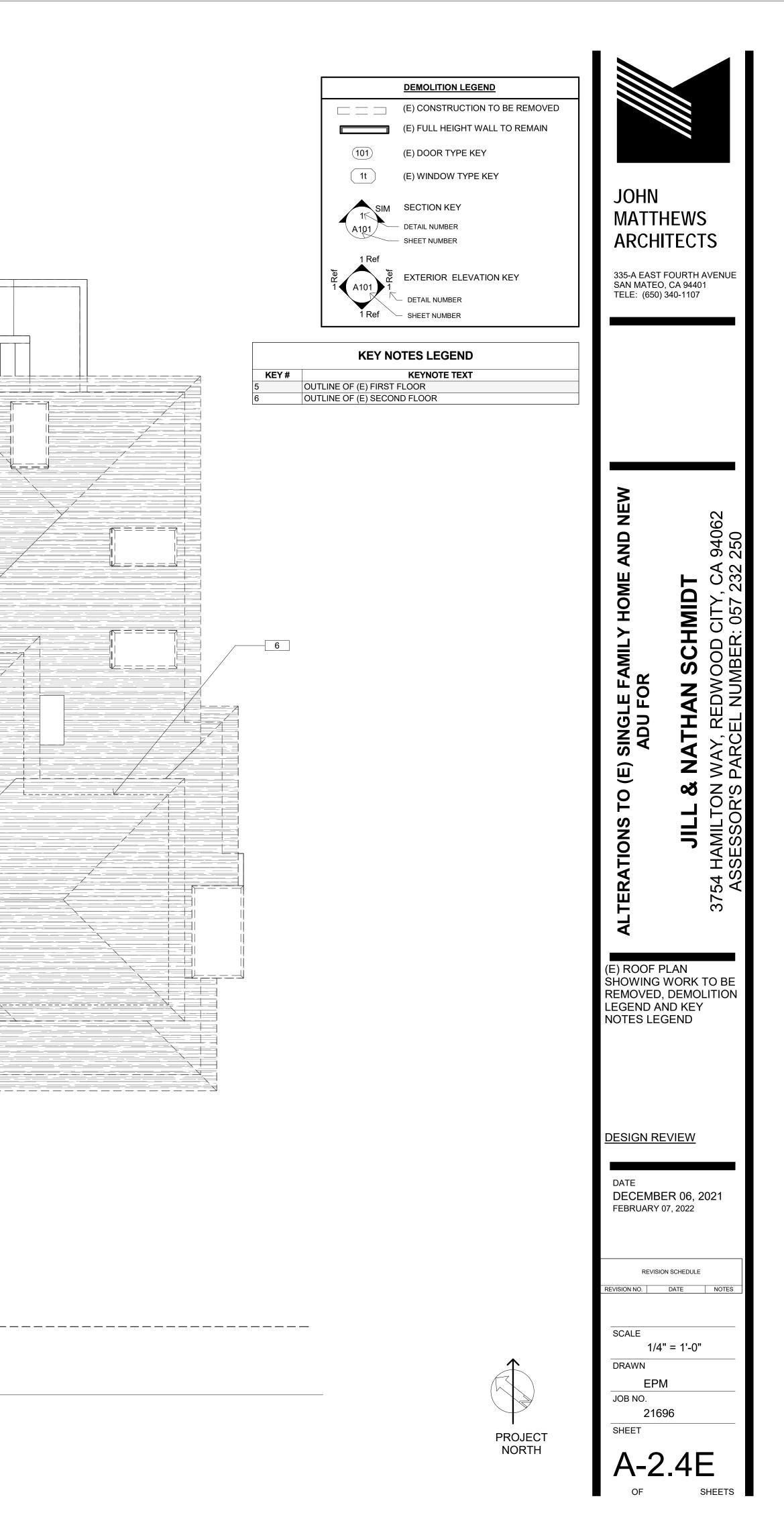
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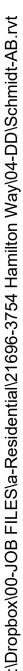
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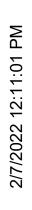


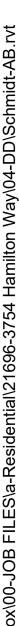
(E) ROOF PLAN SHOWING WORK TO REMOVED 1/4" = 1'-0"



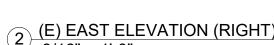


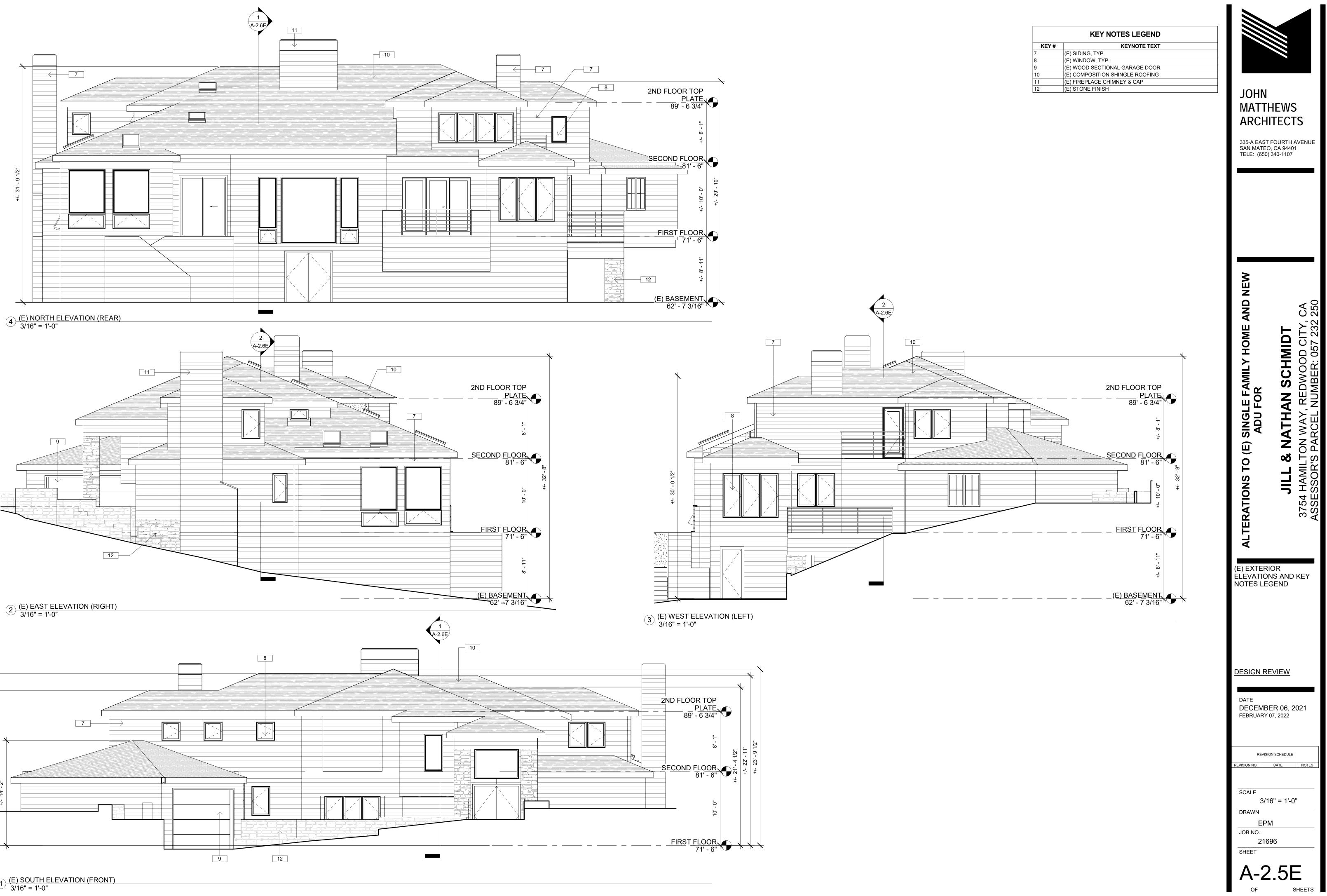
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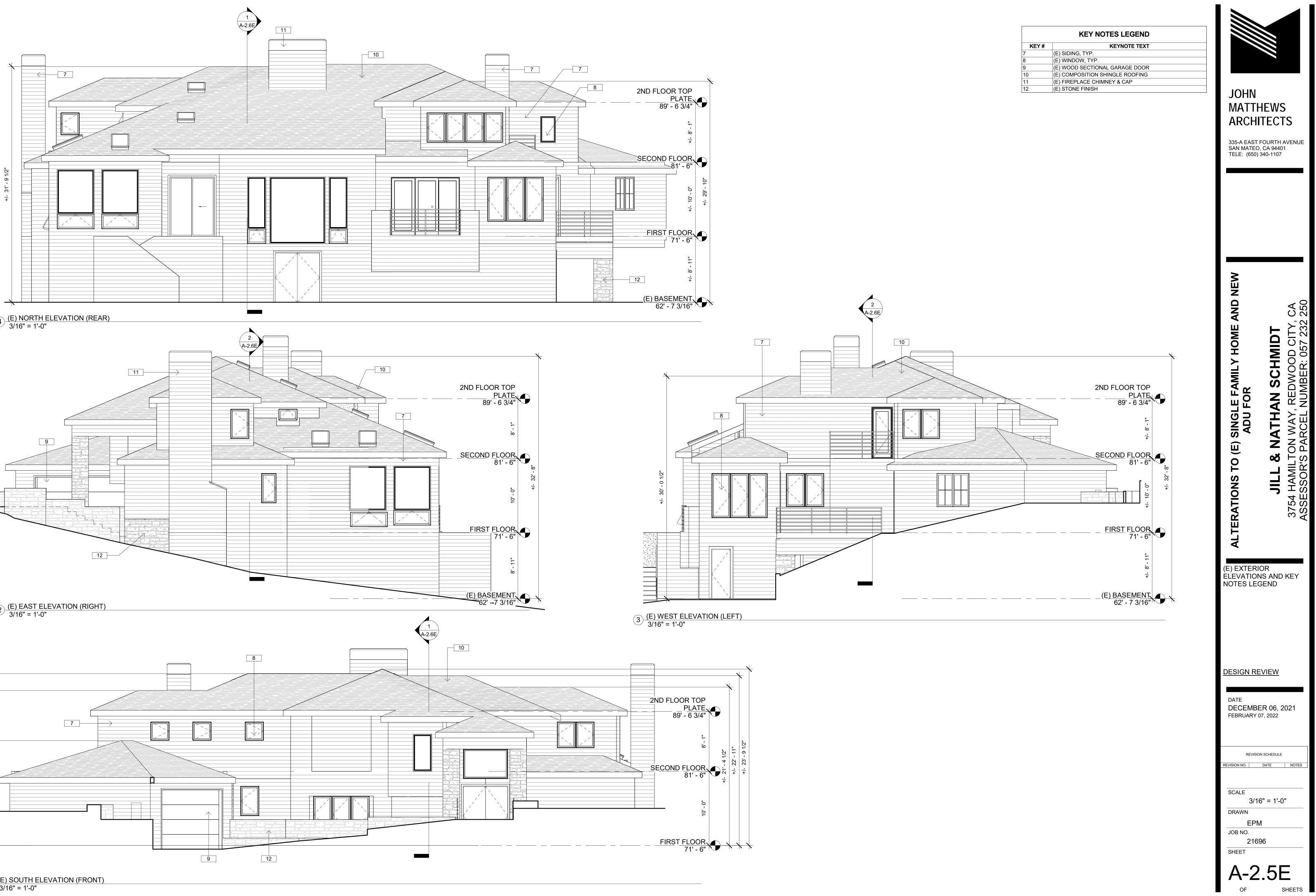


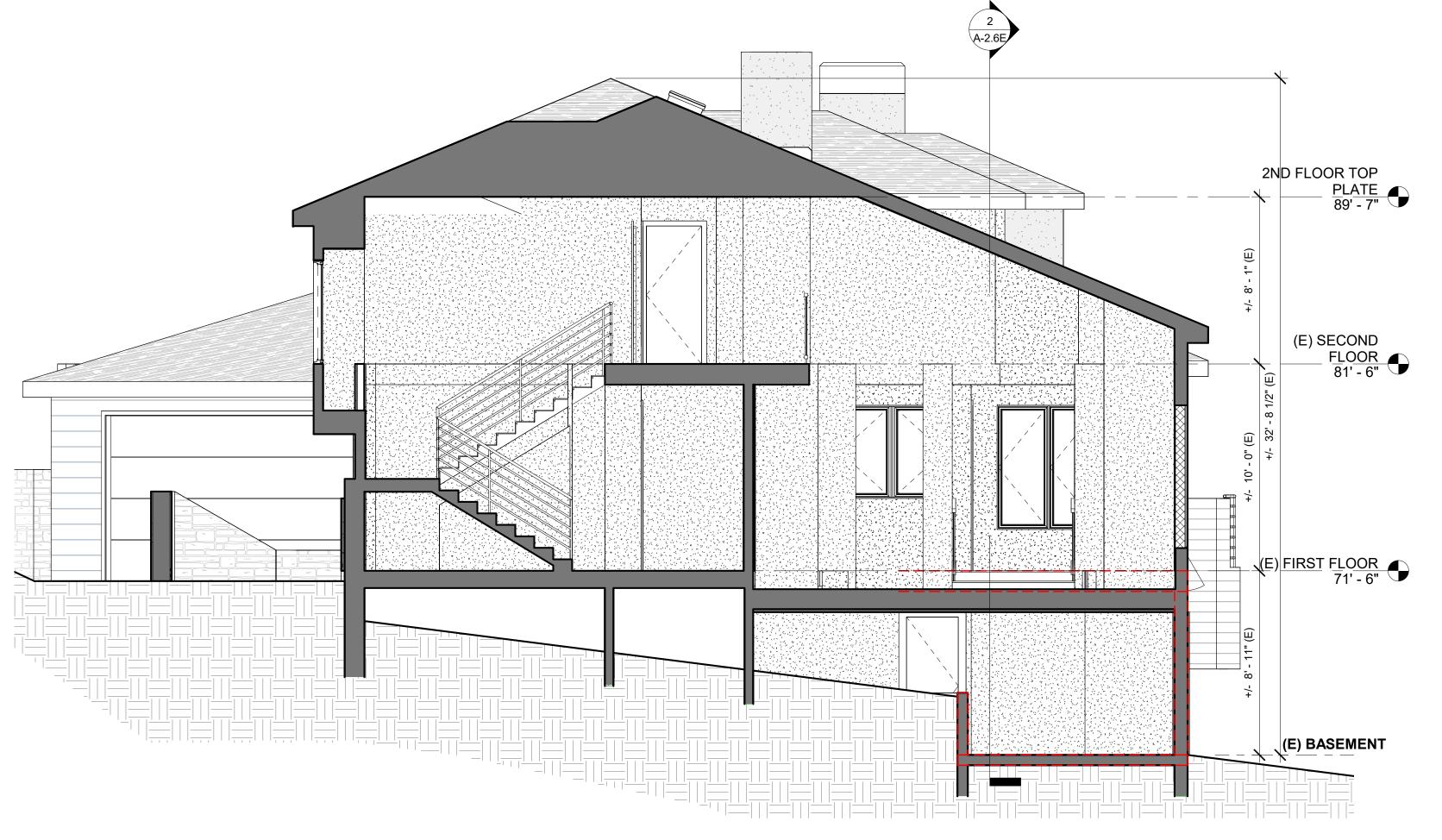




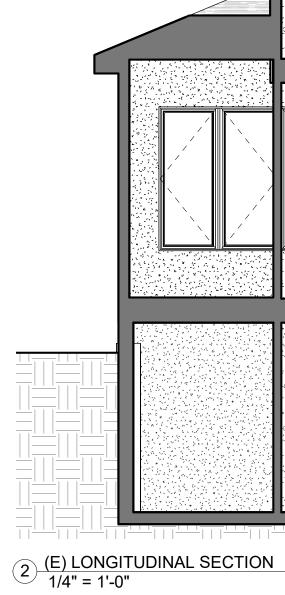




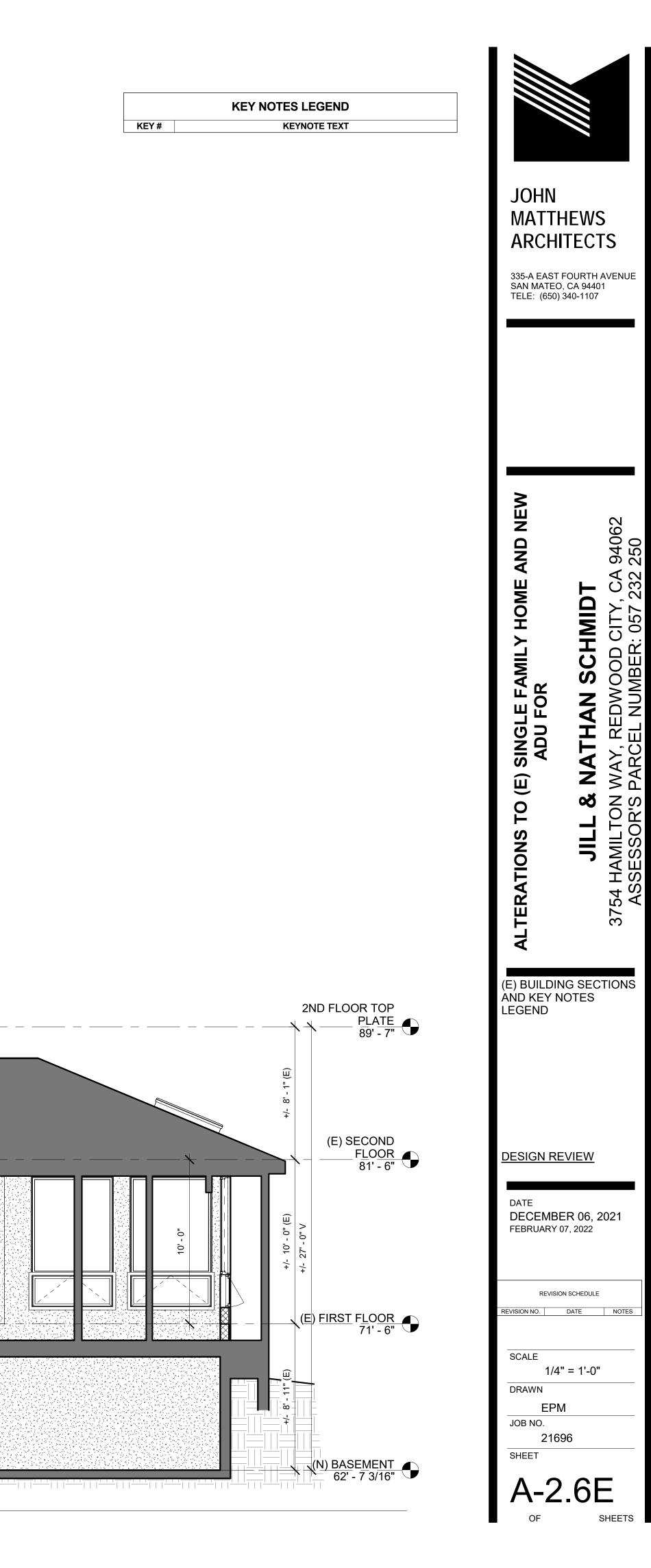


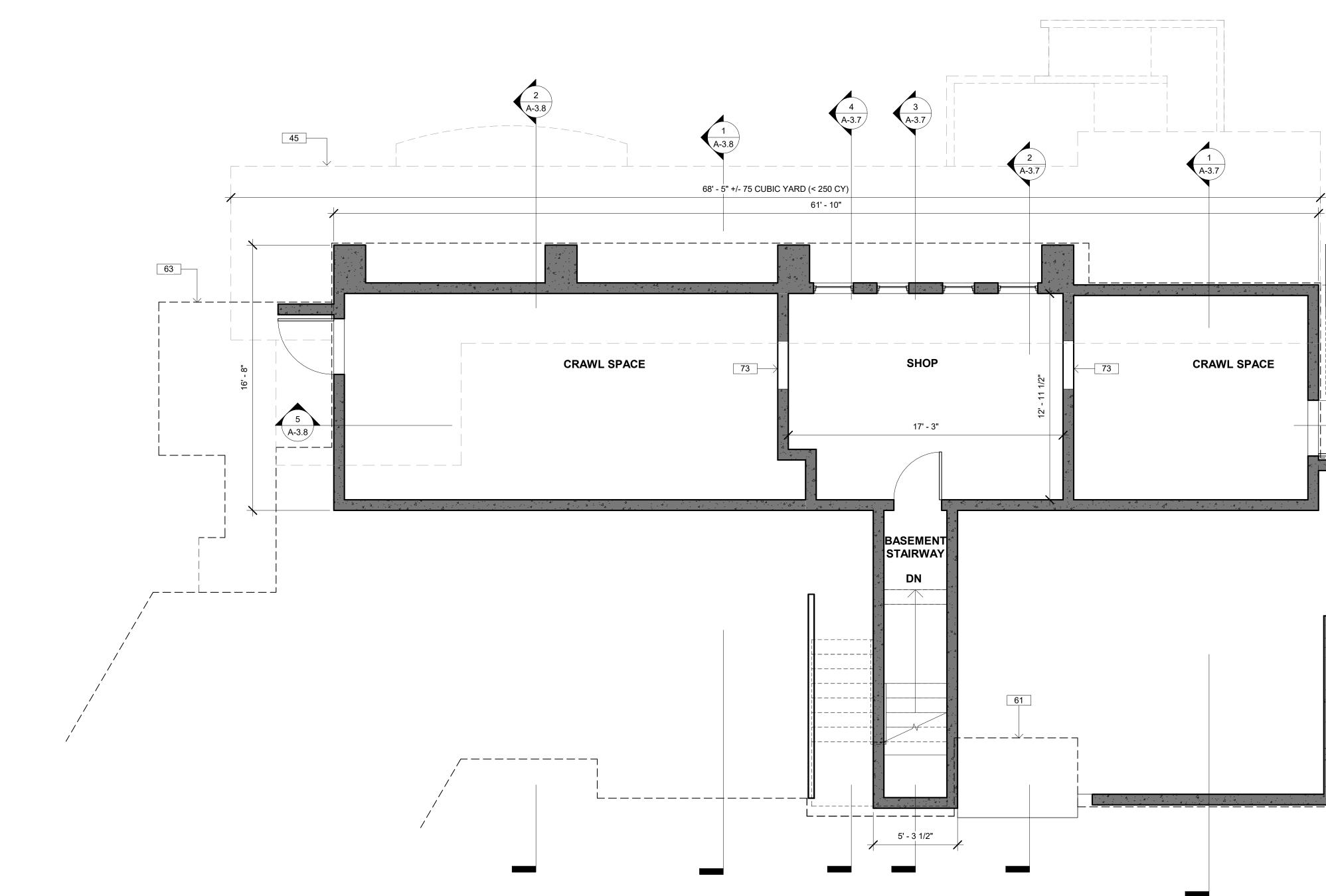


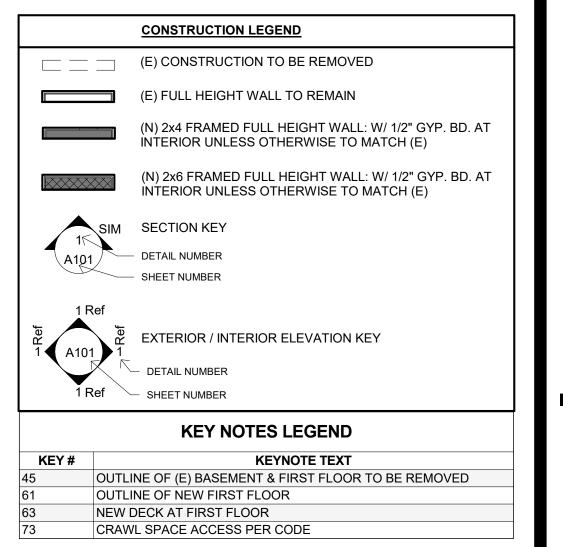
(1) (E) CROSS SECTION 1/4" = 1'-0"













JOHN MATTHEWS ARCHITECTS

335-A EAST FOURTH AVENUE SAN MATEO, CA 94401 TELE: (650) 340-1107

NEW

AND

SINGLE FAMILY HOME ADU FOR

(E)

0

ALTERATIONS

11:-21/2" 32:-8"



JILL & NATHAN SCHMIDT 3754 HAMILTON WAY, REDWOOD CITY, CA ASSESSOR'S PARCEL NUMBER: 057 232

62

40

PROPOSED BASEMENT FLOOR PLAN, CONSTRUCTION LEGEND AND KEY NOTES LEGEND

DESIGN REVIEW

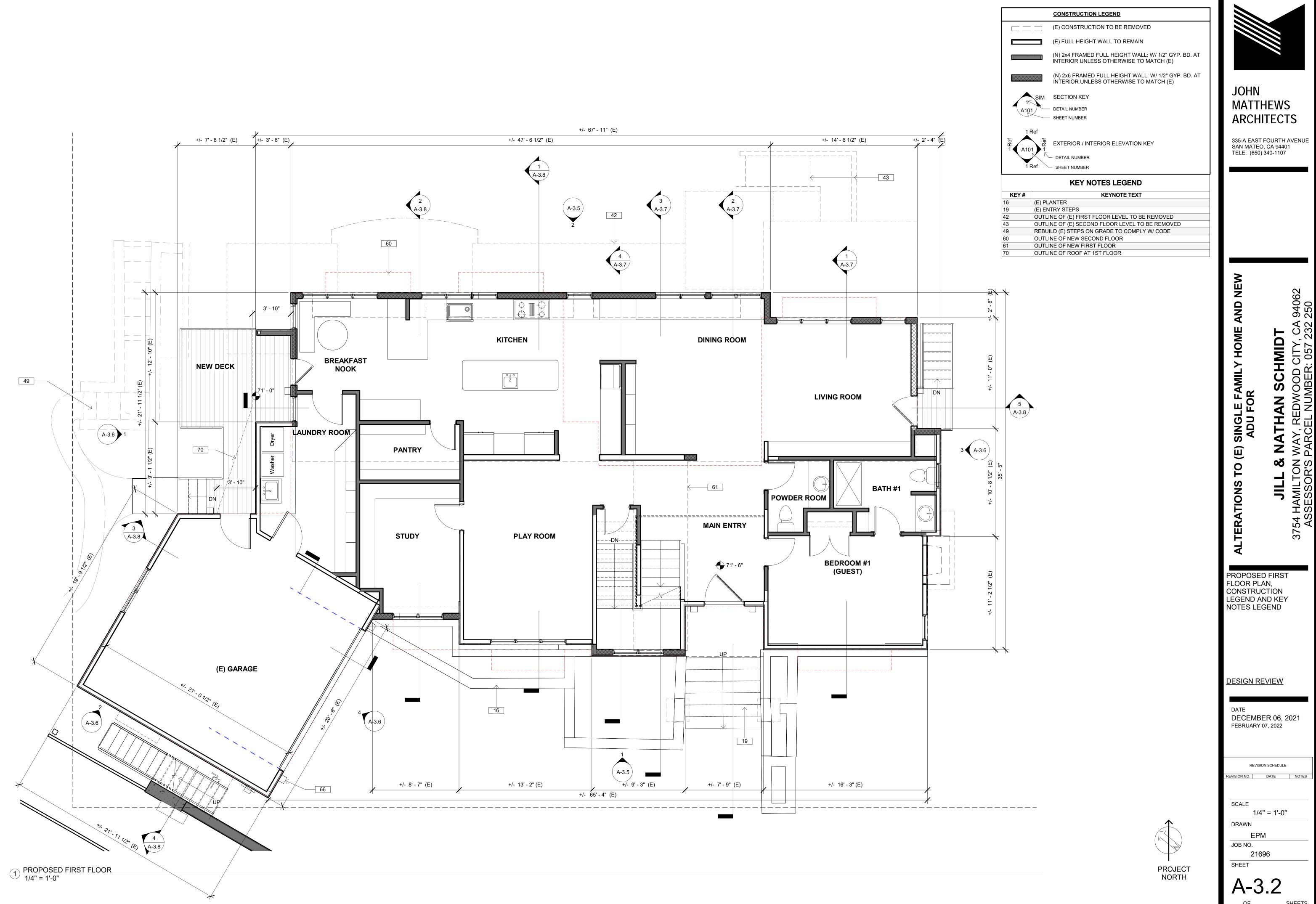
DATE DECEMBER 06, 2021 FEBRUARY 07, 2022 REVISION SCHEDULE REVISION NO. DATE NOTES SCALE 1/4" = 1'-0"DRAWN <u>EPM</u> JOB NO. 21696

SHEET

A-3.1

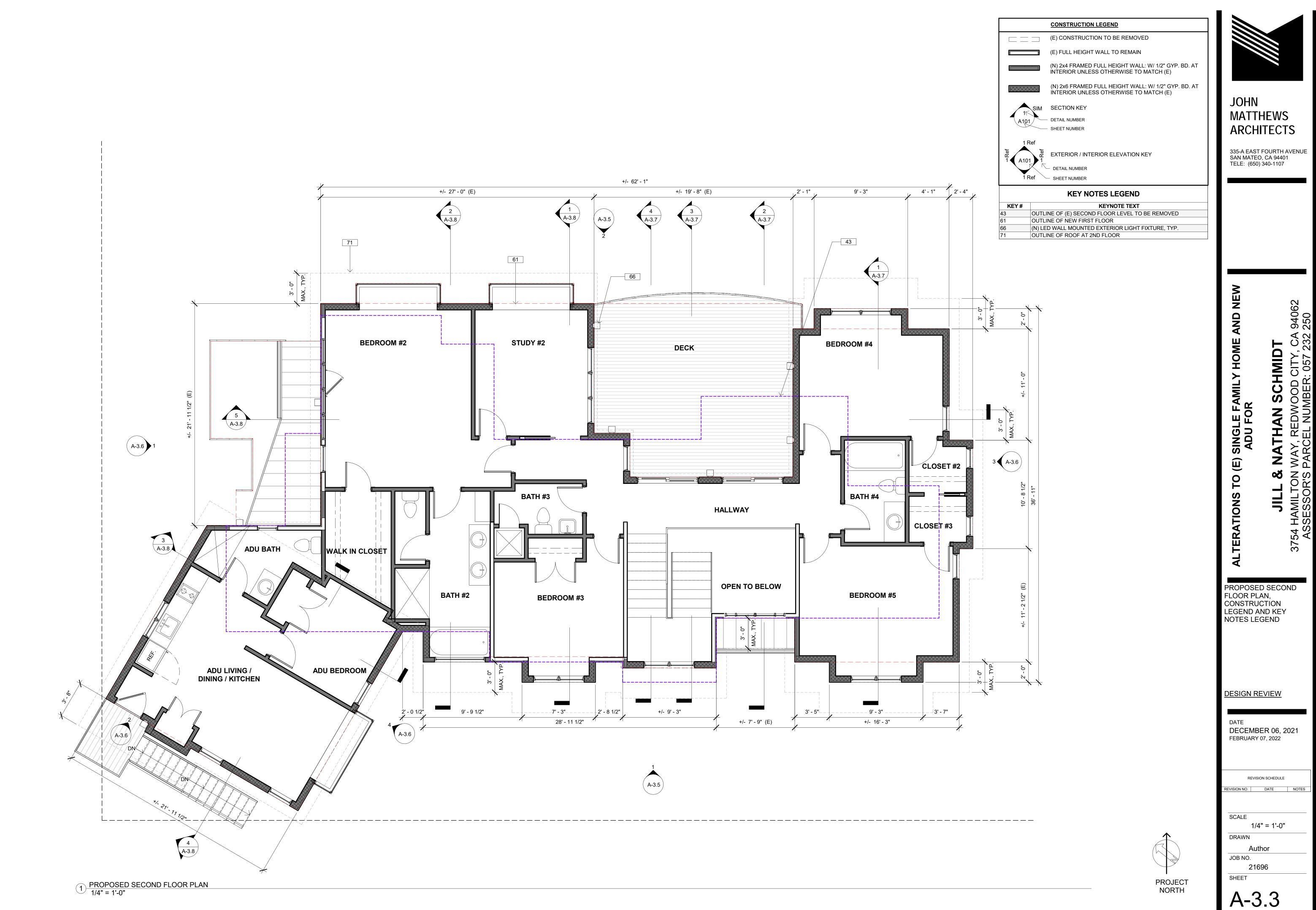
OF

SHEETS



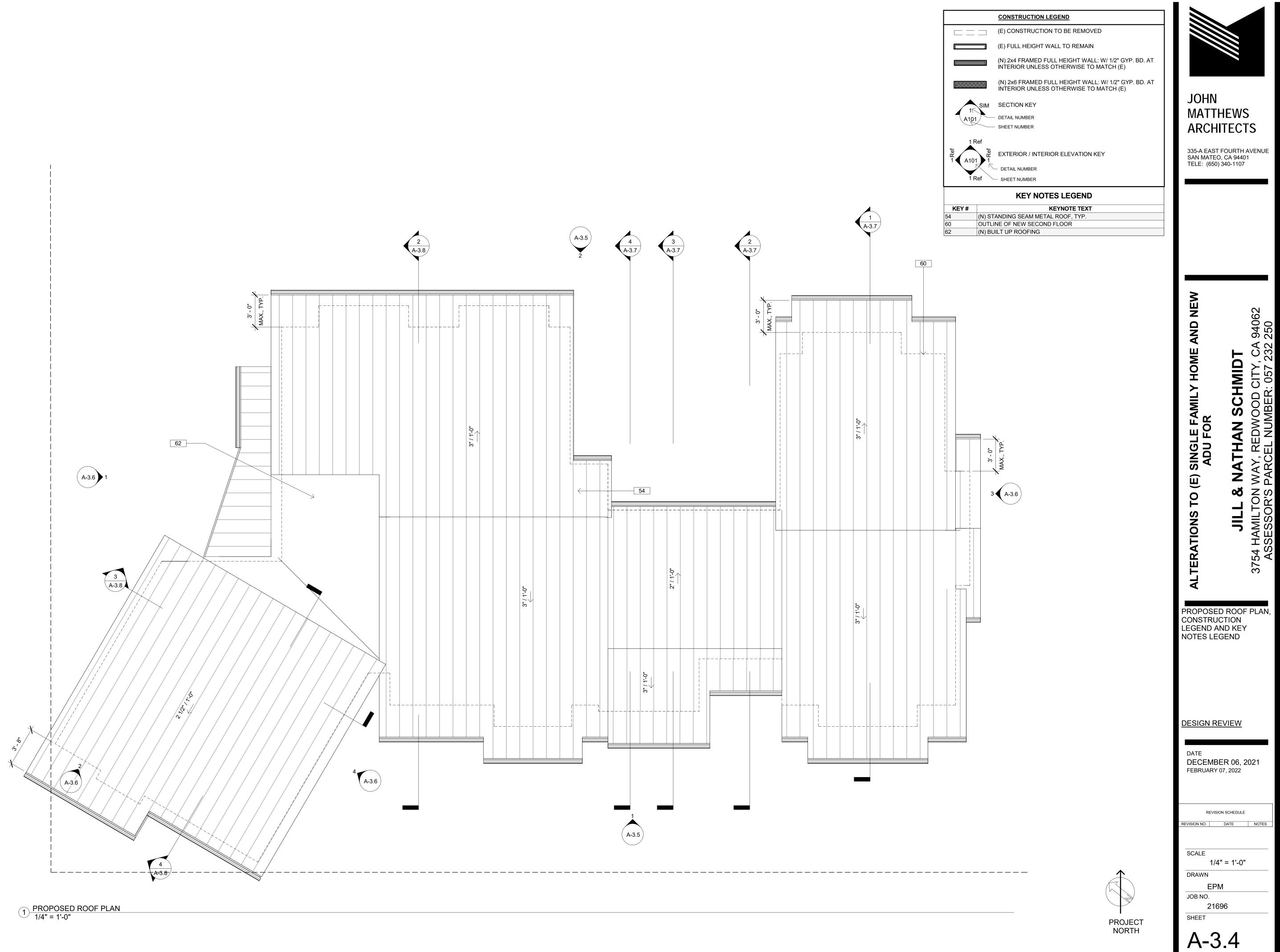
OF

SHEETS



SHEETS

OF



OF

SHEET



PROPOSED SOUTH ELEVATION (FRONT) / 1/4" = 1'-0"



DESCRIPTION		MATERIAL	FINISH	REMARKS	
WALLS		HORIZONTAL CEMENT FIBER BOARD SIDING	E	PAINT, LOW V.O.C. PAINT	
		CEMENT PLASTER	E		
EXTERIOR WINDOWS & DOORS		S & ALUMINUM CLAD WOOD, ALUMINUM WINDOWS	-	LOW E, DUAL PANE, TEMPERED SAFETY GLASS	
ROOF		STANDING SEAM METAL	-	CLASS A	
	TUCCO MOLD	D, REDWOOD, CEDAR, P.T.D.F.	G	PAINT, LOW V.O.C. PAINT	
GUTTER, DOWNSPOUTS, SCUPPERS, VENTS		GALVANIZED SHEET METAL	D	LOW V.O.C PAINT	
TYPE	S OF FINIS	йн Т			
TYPE	COATS	DESCRIPTION			
А	3	PRIME BOTH FACES + 2 COATS GLOSS ALKYD ENAMEL			
В	1	SEMI-TRANSPARENT STAIN			
С	4	PRE-TEATMENT PRIMER + ZINC OXIDE PRIMER + 2 COATS GLOSS ALKY			
D	4	PRE-TREATMENT PRIMER + 2 COATS FLAT ACRYLIC			
E	3	PRIMER + 2 COATS FLAT EXTERIOR LATEX			
F	3	PRIMER + 2 COATS FLAT LATEX			
G	3	PRIMER + 2 COATS SEMIGLOSS ACRYLIC			
Н	3	PRIMER + 2 COATS EGGSHELL ACRYLIC			
J	3	PRIMER + 2 COATS SEMI-GLOSS ALKYD ENAMEL			
К	4	SANDING SEALER + WIPING STAIN + 2 COATS SEMI-GLOSS LACQUER			
L	4	WIPING STAIN W/ FILLER + 3 COATS SATIN POLYURETHANE			
М	4	SANDING SEALER + STAIN + 2 COATS SATIN POLYURETHANE			
FOR REF	PAIRED OR PA	ACE IN GOOD CONDITION USE 1 OR ATCHED SURFACES SPOT PRIME V S NECESSARY. REVIEW SHEEN AN	VITH SPE	CIFIED PRIMER AND USE 1	



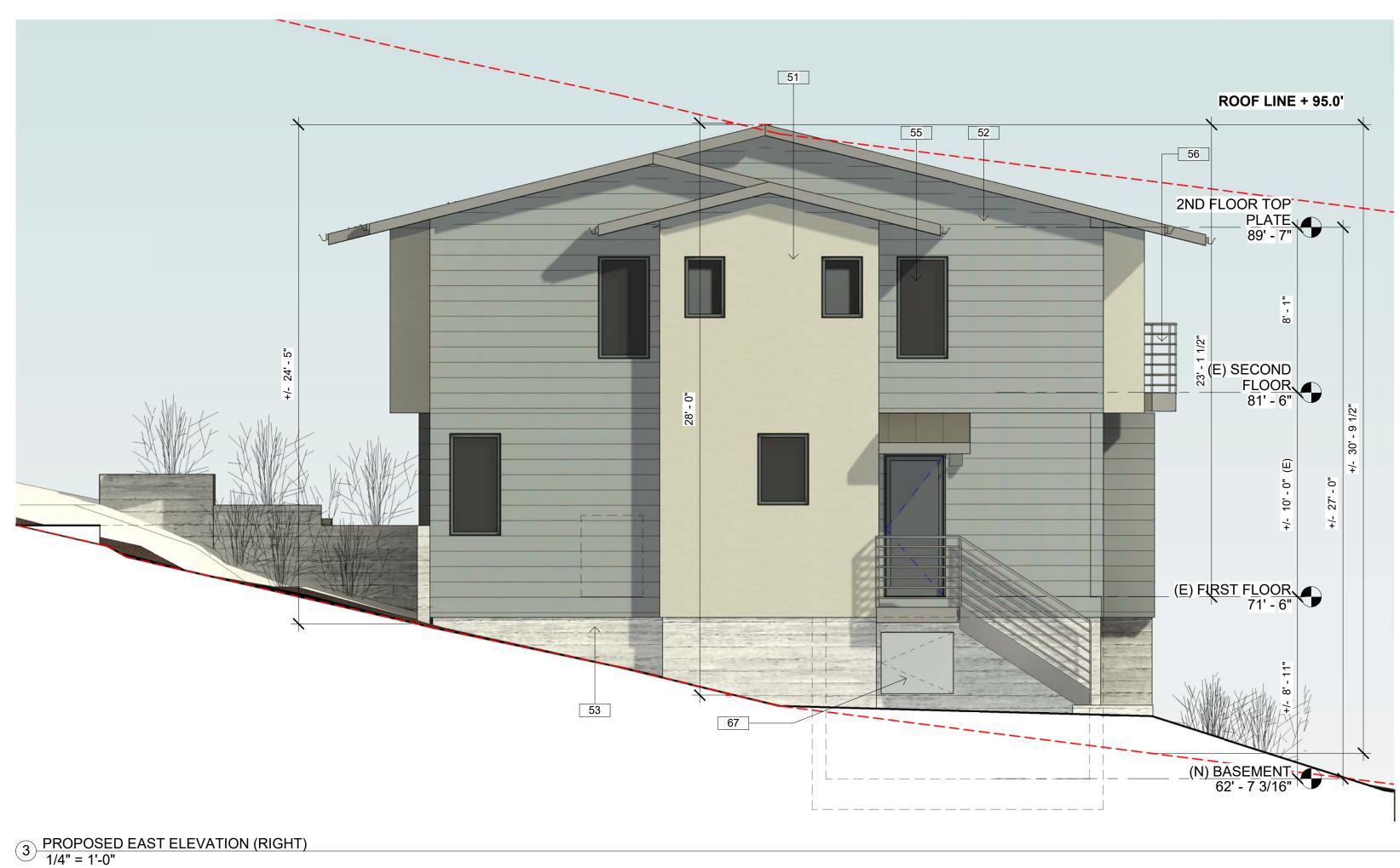
SCALE As indicated DRAWN

EPM JOB NO.

21696 SHEET

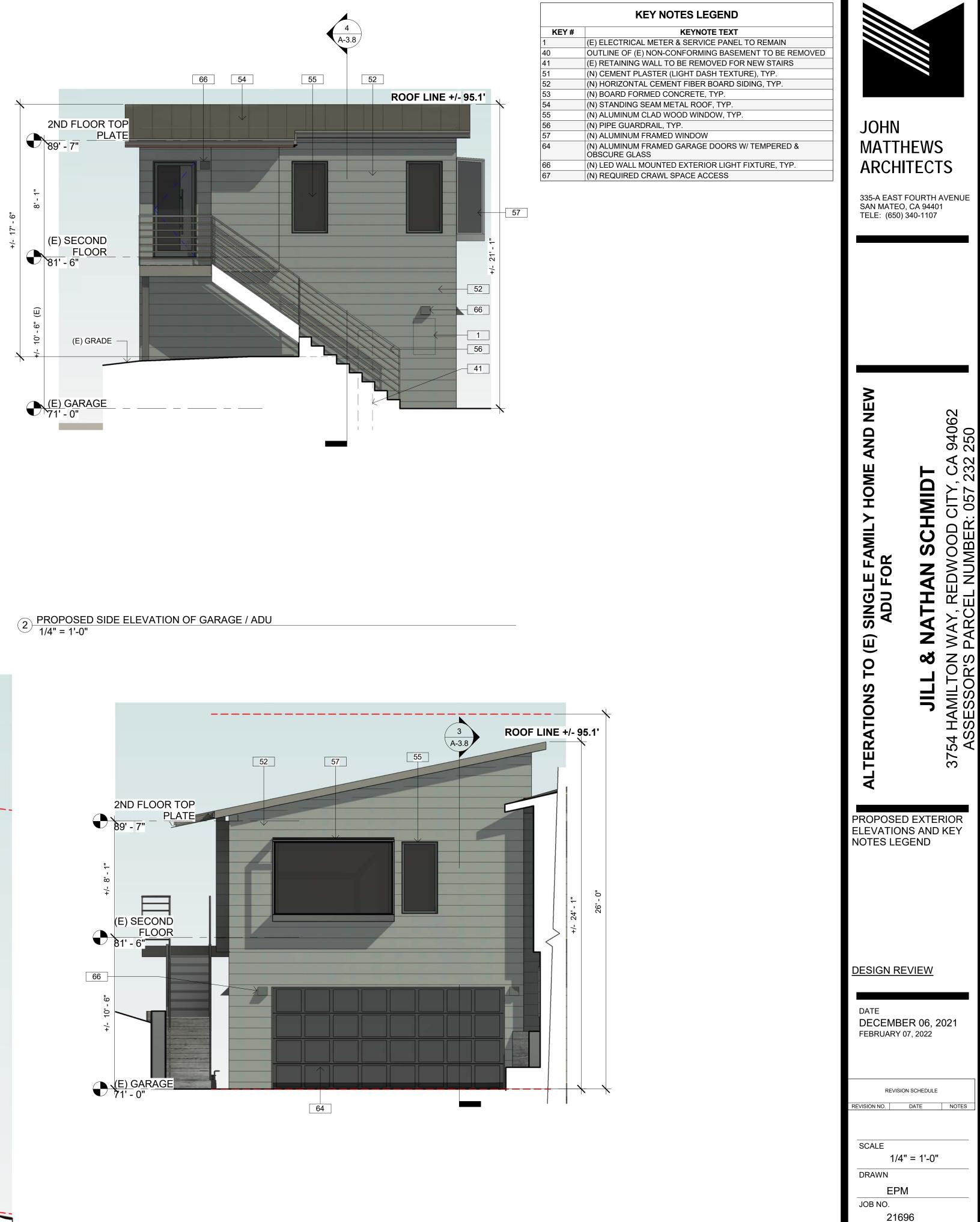
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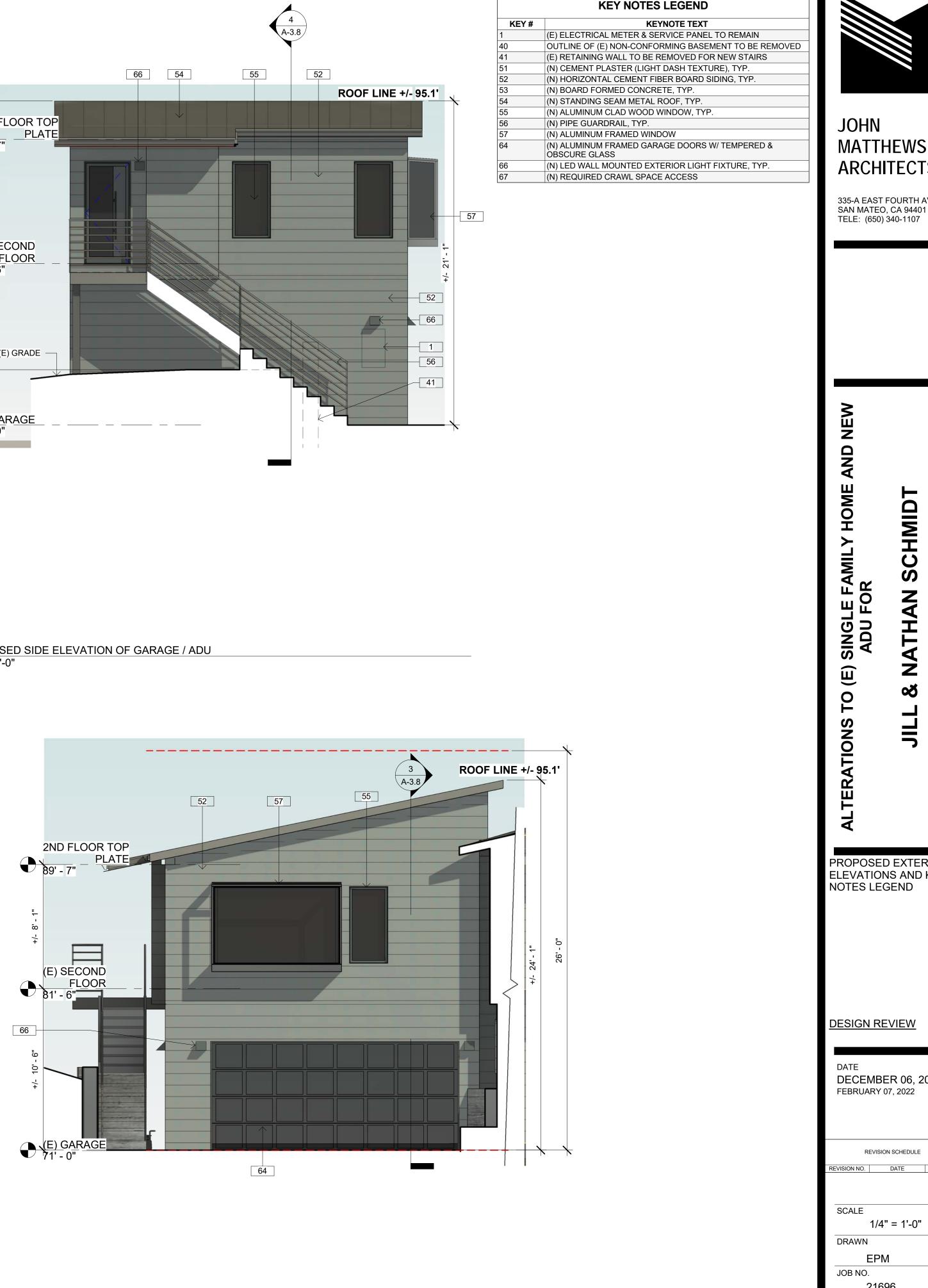
A-3.5 SHEETS



PROPOSED WEST ELEVATION (LEFT) / 1/4" = 1'-0"





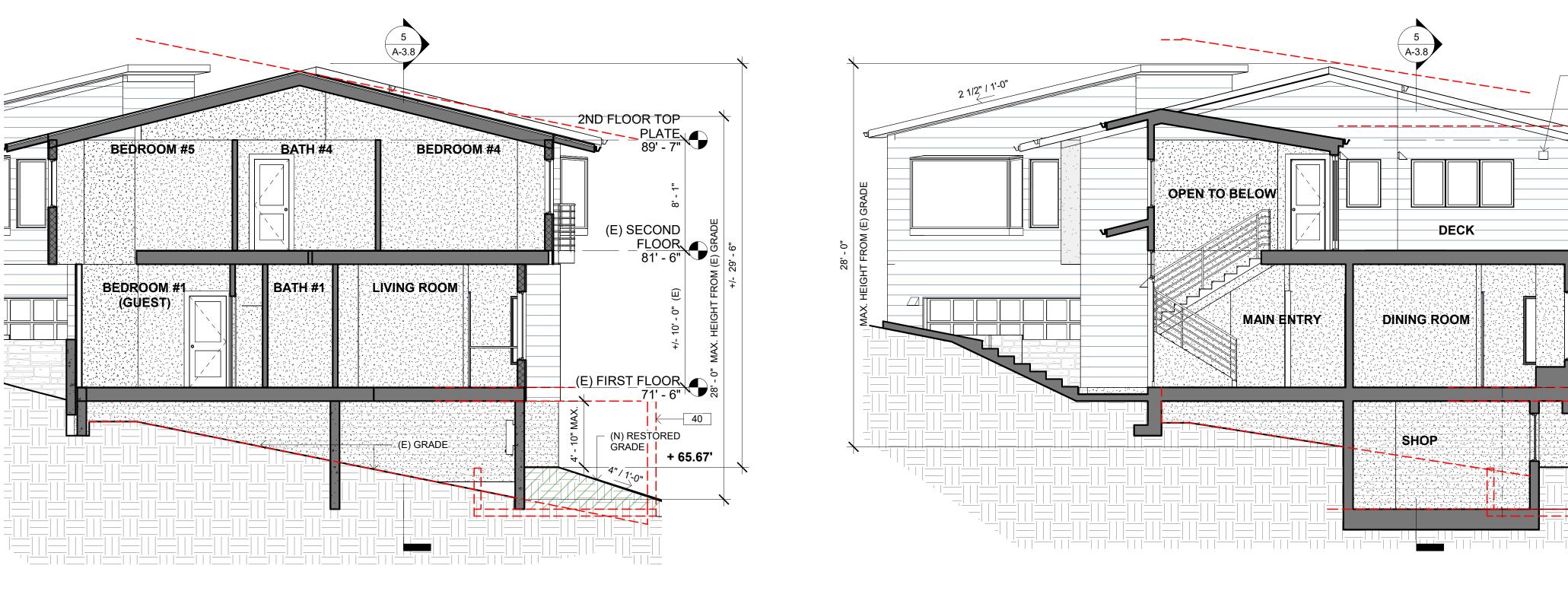


4 PROPOSED FRONT ELEVATION OF GARAGE / ADU 1/4" = 1'-0"

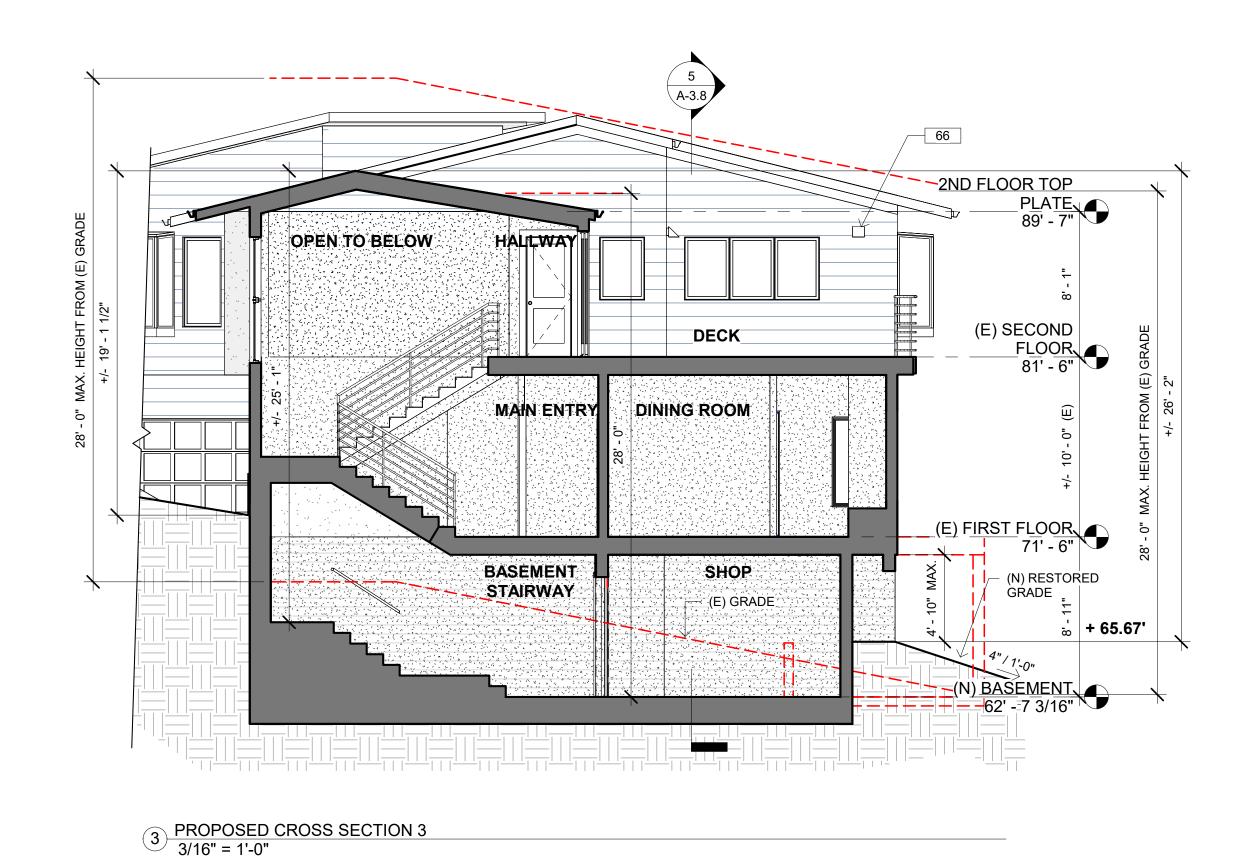
A-3.6 OF SHEETS

SHEET

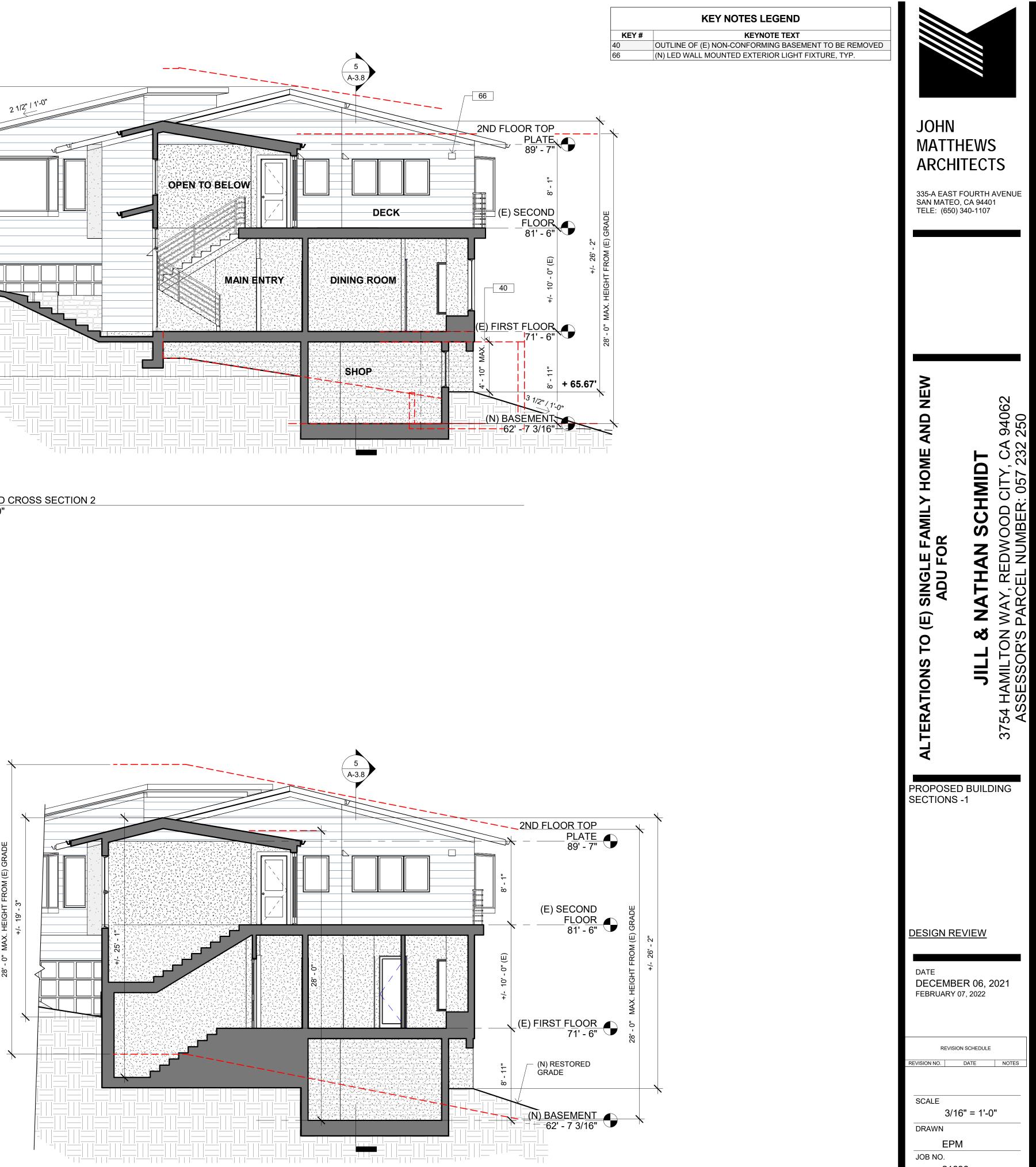
NOTES



1 PROPOSED CROSS SECTION 1 3/16" = 1'-0"



2 PROPOSED CROSS SECTION 2 3/16" = 1'-0"

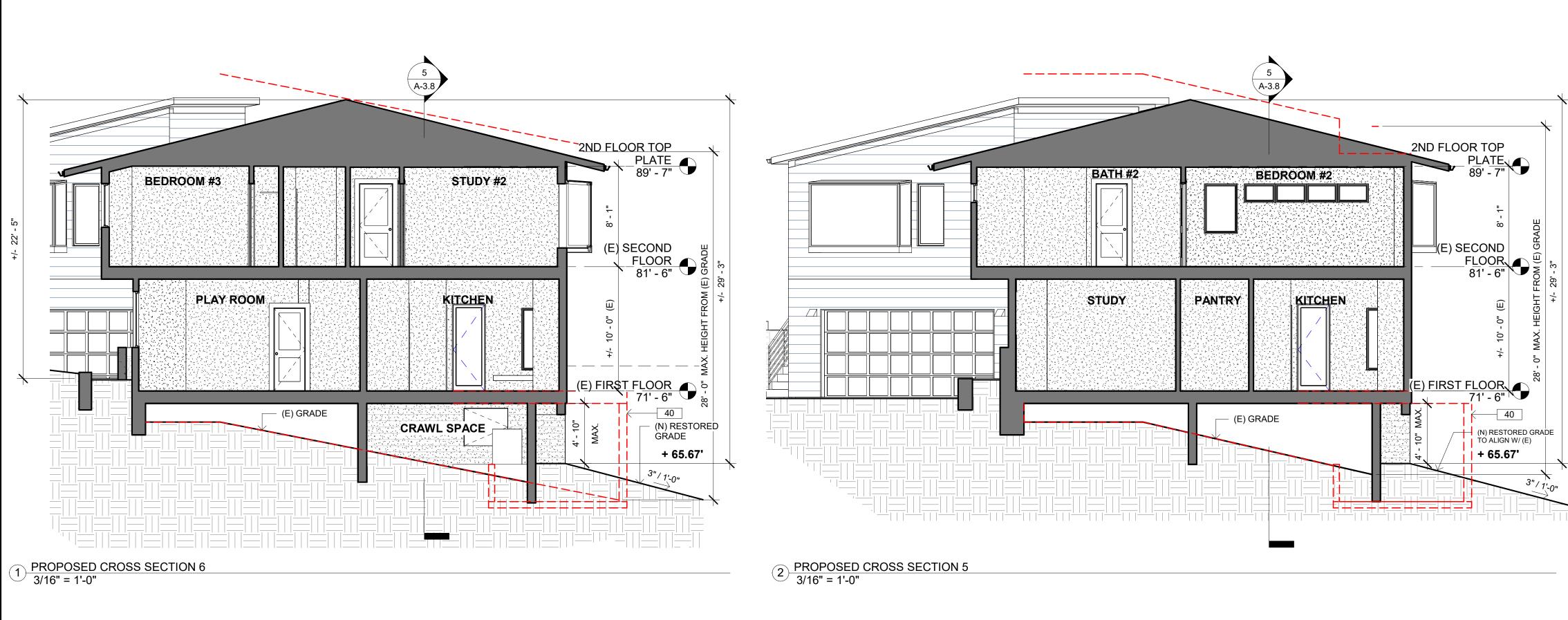


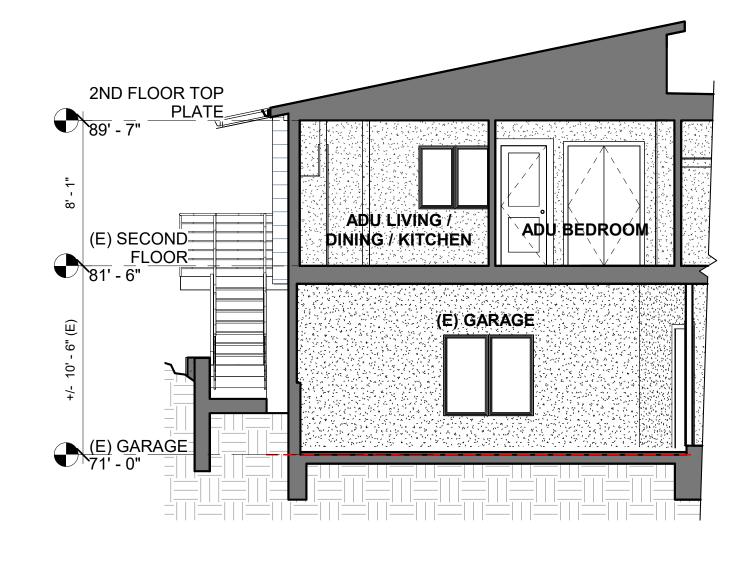
4 PROPOSED CROSS SECTION 4 3/16" = 1'-0"

21696

SHEET

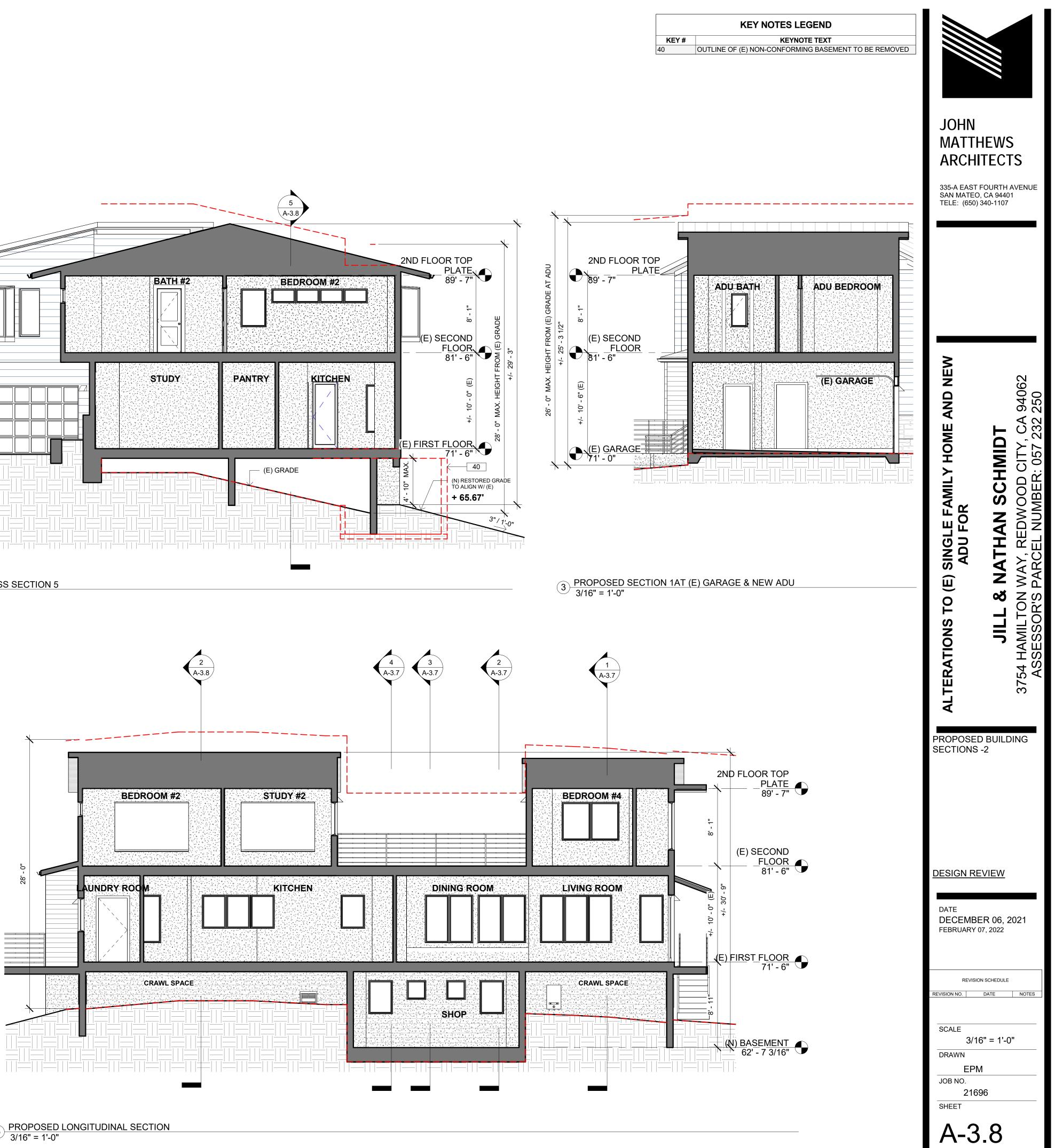
A-3. OF SHEETS





PROPOSED SECTION 2 AT (E) GARAGE & NEW ADU 3/16" = 1'-0"

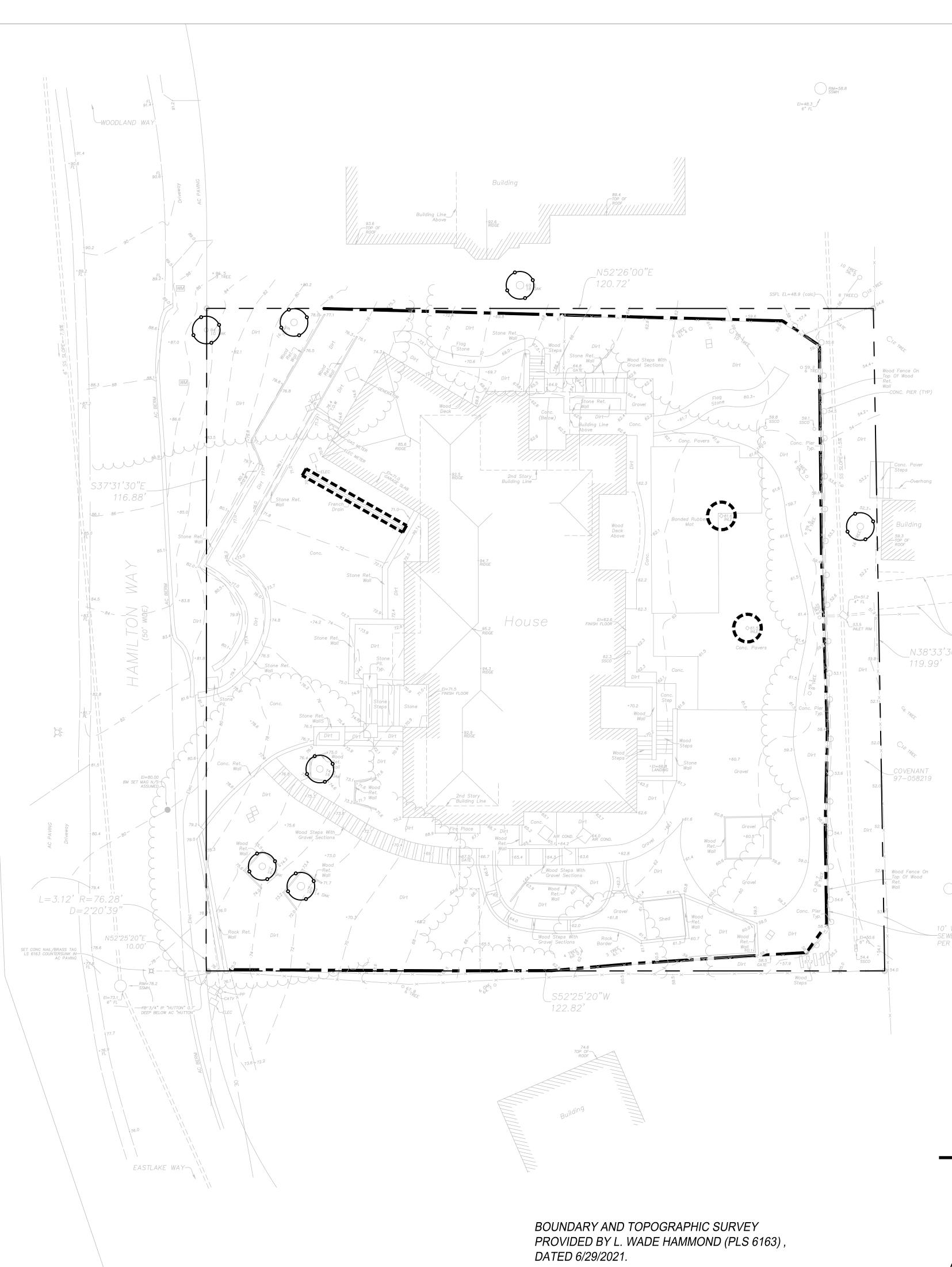
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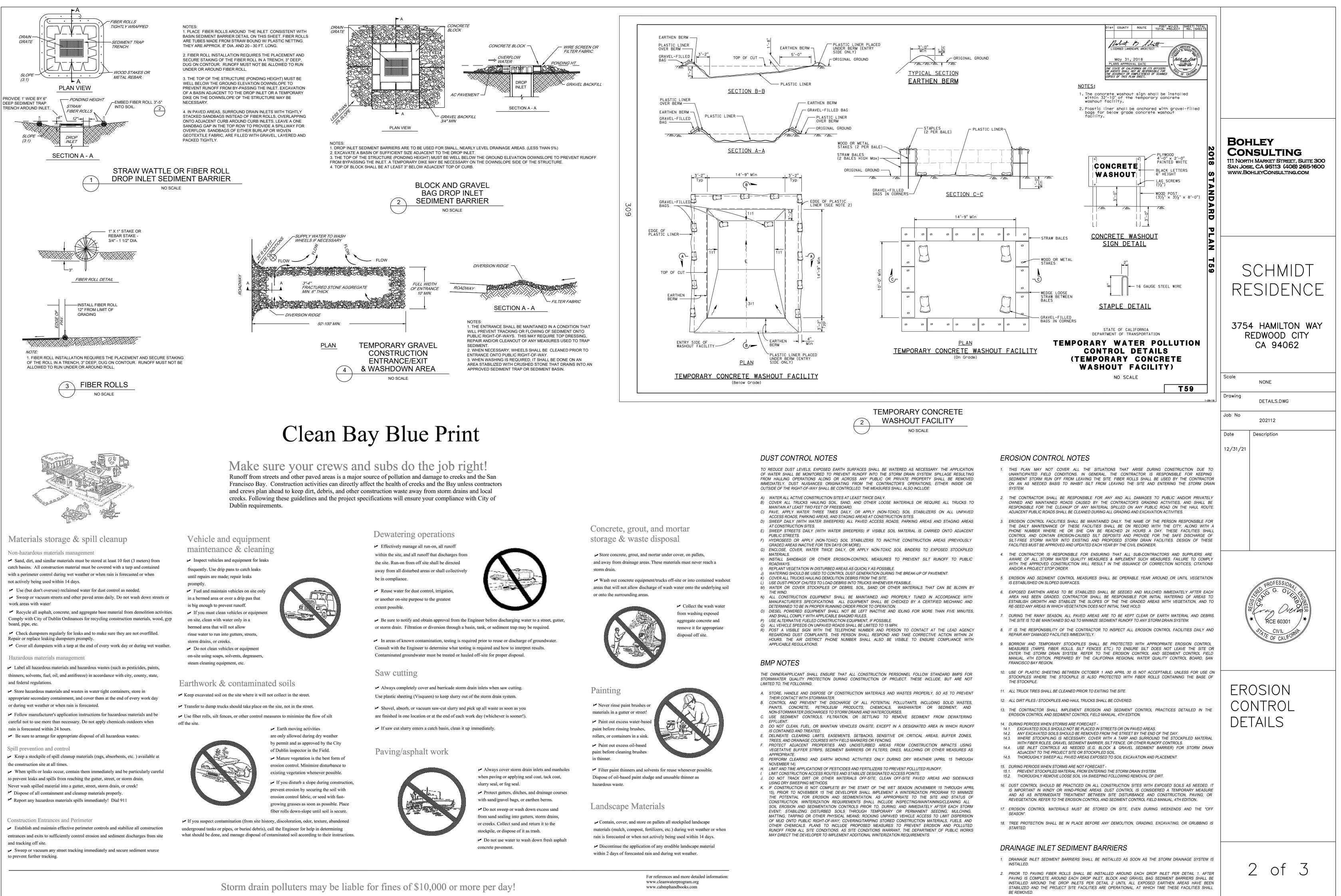
OF

SHEETS





	BOHLEY
	CONSULTING
	111 NORTH MARKET STREET, SUITE 300 SAN JOSE, CA 95113 (408) 265-1600 WWW.BOHLEYCONSULTING.COM
	SCHMIDT
	RESIDENCE
	3754 HAMILTON WAY REDWOOD CITY
	CA 94062
	Scale 1"=10'
	Drawing
	EROSION CONTROL PLAN.DWG
5' WIDE DRAINAGE	202112
EASEMENT 98-219231 '30"W	Date Description
	12/31/21
	OBOFESS/04
	RED G G. OVER FUE
	Sig Werkon
	* RCE 60301 *
' WIDE DRAIN AND WER EASEMENT TER 13 MARS 27	OF CALIFORNIA
ER 13 MAPS 27	
	EROSION
	CONTROL
	AND TREE
	PROTECTION
	PLAN
LEGEND	
$= = = fiBER ROLL \left(\frac{3}{2}\right)$	
INLET PROTECTION $\begin{pmatrix} 1\\ 2 \end{pmatrix}$ OR $\begin{pmatrix} 2\\ 2 \end{pmatrix}$ AS APPROPRIATE	
4 MAY BE REQUIRED ON SITE. CONTRACTOR TO DETERMINE	
2 LOCATION AS NEEDED.	
5 CONTRACTOR TO DETERMINE LOCATION FOR TEMPORARY 2 CONCRETE WASHOUT FACILITY ON SITE	
PROTECT EXISTING TREE TO REMAIN. PROTECT TO THE LIMITS OF THE TREE PROTECTION ZONE (TPZ) AS DEFINED IN THE TREE	1 of 3
PROTECTION NOTES AND AS SHOWN ON DETAIL ON SHEET 2.	















TREE PRESERVATION AND PROTECTION NOTES

1. PRE-CONSTRUCTION MEETING:

IT IS IMPORTANT THAT CONSTRUCTION CREWS UNDERSTAND TREE PROTECTION REQUIREMENTS. PERSONNEL WORKING ON-SITE SHOULD BE PROVIDED WITH AN ORIENTATION TO TREE PRESERVATION MEASURES AND MONITORING FOR TREE PRESERVATION.

2. APPRAISED VALUE:

A. IF A TREE IS DAMAGED, A CERTIFIED ARBORIST DETERMINES THE TREE APPRAISAL VALUE BY ADJUSTING THE TREE'S BASIC VALUE BY ITS CONDITION, LOCATION AND SPECIES USING THE MOST RECENT EDITION OF THE GUIDE FOR PLANT APPRAISAL. THE FORMULA USED SHOULD BE NOTED. B. REFER TO THE COUNCIL OF TREE AND LANDSCAPE APPRAISERS, CURRENT EDITION, GUIDE FOR PLANT APPRAISAL, CHAMPAIGN, IL: INTERNATIONAL SOCIETY OF ARBORICULTURE.

3. TREE PROTECTION ZONE (TPZ):

EACH TREE TO BE PROTECTED SHALL HAVE A DESIGNATED TPZ IDENTIFYING THE AREA SUFFICIENTLY LARGE ENOUGH TO PROTECT THE TREE, ROOTS AND SOIL FROM DISTURBANCE. THE TPZ IS DEFINED AS THE AREA UNDER THE TREE CANOPY AND EXTENDING TO 1'-0" PAST THE DRIPLINE OF THE TREE. FOR EXAMPLE, A TREE WITH A CANOPY 25' WIDE IN DIAMETER WOULD HAVE A TPZ OF 27' WIDE. ANY DEVIATION IN DETERMINING THE TPZ WILL REQUIRE APPROVAL BY THE CONSTRUCTION MANAGER. SEE TREE PROTECTION DETAIL.

4. PROTECTIVE TREE FENCING FOR TREES:

FENCED ENCLOSURES SHALL BE ERECTED AROUND TREES TO BE PROTECTED TO ESTABLISH THE TPZ IN WHICH NO SOIL OR ROOT DISTURBANCE IS PERMITTED AND ACTIVITIES ARE RESTRICTED. MAINTAIN TPZ FREE OF WEEDS AND TRASH. A. NOT ALL TREES REQUIRING PROTECTION MAY BE SHOWN ON THE PLAN; PROTECT ALL TREES THAT HAVE COPY OVER THE SITE. THIS INCLUDES TREES WHOSE

- TRUNKS ARE OFF SITE, BUT HAVE A CANOPY THAT EXTENDS OVER THE SITE. B. SIZE AND TYPE OF FENCE: ALL TREES TO BE PRESERVED SHALL BE PROTECTED WITH A 6' HIGH, MINIMUM 11 GAUGE CHAIN LINK FENCE. MOUNT FENCES ON 2-INCH DIAMETER GALVANIZED STEEL POSTS MOUNTED ON SUPPORT FEET.
- C. DURATION: TREE FENCING SHALL BE ERECTED BEFORE ANY DEMOLITION, GRADING OR CONSTRUCTION BEGINS AND SHALL REMAIN IN PLACE THROUGH CONSTRUCTION.
- D. TREE PROTECTION SIGN: A WARNING SIGN SHALL BE PROMINENTLY DISPLAYED ON EACH FENCE. SIGN SHALL NOT BE LESS THAN 12" X 12" AND SHALL READ: "TREE PROTECTION FENCE. DO NOT REMOVE OR RELOCATE WITHOUT AUTHORIZATION." E. PLACEMENT: TREE PROTECTION FENCE SHALL BE LOCATED 1'-0" OUTSIDE THE TREE DRIPLINE OR AS OTHERWISE SHOWN ON PLAN. A TREE PROTECTION
- FENCE LOCATED WITHIN THE TPZ SHALL NOT EXEMPT THE CONTRACTOR FROM COMPLYING WITH THE REQUIREMENTS OF THE TPZ FOR THE ENTIRE LIMITS OF THE TPZ. F. TEMPORARY REMOVAL OR RELOCATION: RELOCATION OR REMOVAL FOR CONSTRUCTION REQUIRES AUTHORIZATION AND IS PERMITTED ONLY AS REQUIRED
- FOR CONSTRUCTION. FENCE MUST BE RESTORED TO ORIGINAL LOCATION AS SOON AS PRACTICAL AS CONSTRUCTION ACTIVITIES PERMIT.

5. ACTIVITIES PROHIBITED WITHIN THE TPZ INCLUDE:

- A. STORAGE OF PARKED VEHICLES, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS, INCLUDING BUT NOT LIMITED TO PAINT, PETROLEUM PRODUCTS, CONCRETE, STUCCO MIX OR DIRTY WATER B. THE USE OF TREE TRUNKS AS A WINCH SUPPORT, ANCHORAGE, AS A TEMPORARY POWER POLE, SIGN POSTS OR OTHER SIMILAR FUNCTION
- C. CUTTING OF TREE ROOTS BY UTILITY TRENCHING, FOUNDATION DIGGING, PLACEMENT OF CURBS AND TRENCHES AND OTHER MISCELLANEOUS EXCAVATION D. SOIL DISTURBANCE, SOIL COMPACTION OR GRADE CHANGES
- E. DRAINAGE CHANGES F. FIRES

- 6. ACTIVITIES PERMITTED OR REQUIRED WITHIN THE TPZ INCLUDE: A. MULCHING - DURING CONSTRUCTION, IT IS RECOMMENDED THAT WOOD CHIPS OR SIMILAR MATERIAL BE SPREAD WITHIN THE TPZ TO A 2-INCH DEPTH, LEAVING
- THE TRUNK CLEAR OF MULCH. B. ROOT BUFFER - WHEN AREAS WITHIN THE TPZ CANNOT BE FENCED, A ROOT BUFFER IS REQUIRED AND SHALL COVER THE ROOT ZONE.
- C. IRRIGATION, AERATION, FERTILIZING OR OTHER BENEFICIAL PRACTICES THAT HAVE BEEN SPECIFICALLY APPROVED FOR USE BY THE LANDSCAPE ARCHITECT WITHIN THE TPZ.
- D. EXISTING IRRIGATION IS TO BE MAINTAINED AND OPERATED 100% DURING CONSTRUCTION. SEE IRRIGATION PLANS. 7. ROOT BUFFER SHALL BE DEFINED AS: A TEMPORARY LAYER OF MATERIAL TO PROTECT THE SOIL TEXTURE AND ROOTS. THE BUFFER SHALL CONSIST OF A BASE
- COURSE OF BARK OR WOOD CHIPS SPREAD OVER THE ROOT AREA, KEEPING ONE FOOT CLEAR OF THE TRUNK CLEAR, TO A 4"- 6" DEPTH, CAPPED BY A BASE COURSE OF 3/4-INCH QUARRY GRAVEL TO STABILIZE A 3/4" PLYWOOD ON TOP.

8. EROSION CONTROL

IF A TREE IS ADJACENT TO OR IN THE IMMEDIATE PROXIMITY TO A GRADE SLOPE OF 8% OR MORE, THEN APPROVED EROSION CONTROL OR SILT BARRIERS SHALL BE INSTALLED OUTSIDE THE TPZ TO PREVENT SILTATION AND/OR EROSION WITHIN THE TPZ.

9. TUNNELING AND DIRECTIONAL DRILLING

IF TRENCHING OR PIPE INSTALLATION HAS BEEN APPROVED WITHIN THE TPZ, THEN THE TRENCH SHALL BE EITHER CUT BY HAND, AIR SPADE OR BY MECHANICALLY BORING THE TUNNEL UNDER THE ROOTS WITH A HORIZONTAL DIRECTIONAL DRILL AND HYDRAULIC OR PNEUMATIC AIR EXCAVATION TECHNOLOGY. IN ALL CASES, INSTALL THE UTILITY PIPE, IMMEDIATELY BACKFILL WITH SOIL AND SOAK WITHIN THE SAME DAY.

10. TREE PRUNING AND SURGERY

A. ROOT PRUNING: ROOT PROTECTION MEASURES MUST BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. NECESSARY ROOT PRUNING IS BEST ACCOMPLISHED PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES WHEN EXCAVATION EQUIPMENT WILL BE USED. AFTER BEING EXPOSED BY HAND OR AIR EXCAVATION, ROOTS ARE PRUNED UNDER ARBORIST SUPERVISION. CONSTRUCTION ACTIVITIES ARE THEN FREE TO OCCUR

OUTSIDE OF THE ROOT PRUNING BOUNDARY. B. DO NOT CUT MAIN LATERAL ROOTS OR TAPROOTS. CUT ONLY SMALLER ROOTS THAT INTERFERE WITH INSTALLATION OF UTILITIES. CUT ROOTS WITH SHARP PRUNING INSTRUMENTS; DO NOT BREAK OR CHOP.

10.TREE REMOVAL PROCEDURE

TREES MAY ONLY BE REMOVED IF SPECIFICALLY NOTED ON PLAN OR APPROVED FOR REMOVAL BY THE OWNER. WHEN TREES ARE REMOVED, TREE REMOVAL PRACTICES APPLY:

- A. OBTAIN PERMIT FROM THE CITY AS REQUIRED.
- B. ANY TREE TO BE REMOVED THAT MAY IMPACT A PROTECTED TREE SHALL BE DONE UNDER THE SUPERVISION OF A CERTIFIED ARBORIST. C. THE REMOVAL OF TREES THAT EXTEND INTO THE BRANCHES OR ROOTS OF PROTECTED TREES SHALL NOT BE ATTEMPTED BY DEMOLITION OR CONSTRUCTION PERSONNEL, GRADING OR OTHER HEAVY EQUIPMENT. A CERTIFIED ARBORIST OR CERTIFIED TREE WORKER SHALL REMOVE OR OVERSEE THE REMOVAL OF THE TREE IN A MANNER THAT CAUSES NO DAMAGE ABOVE OR BELOW GROUND TO TREES THAT SHALL REMAIN.

11. SUPPLEMENTAL IRRIGATION:

PROVIDE SUPPLEMENTAL IRRIGATION, AS REQUIRED, BASED ON THE LEVEL OF ROOT LOSS, SOIL CONDITIONS, TREE HEALTH AND TIME OF YEAR.

