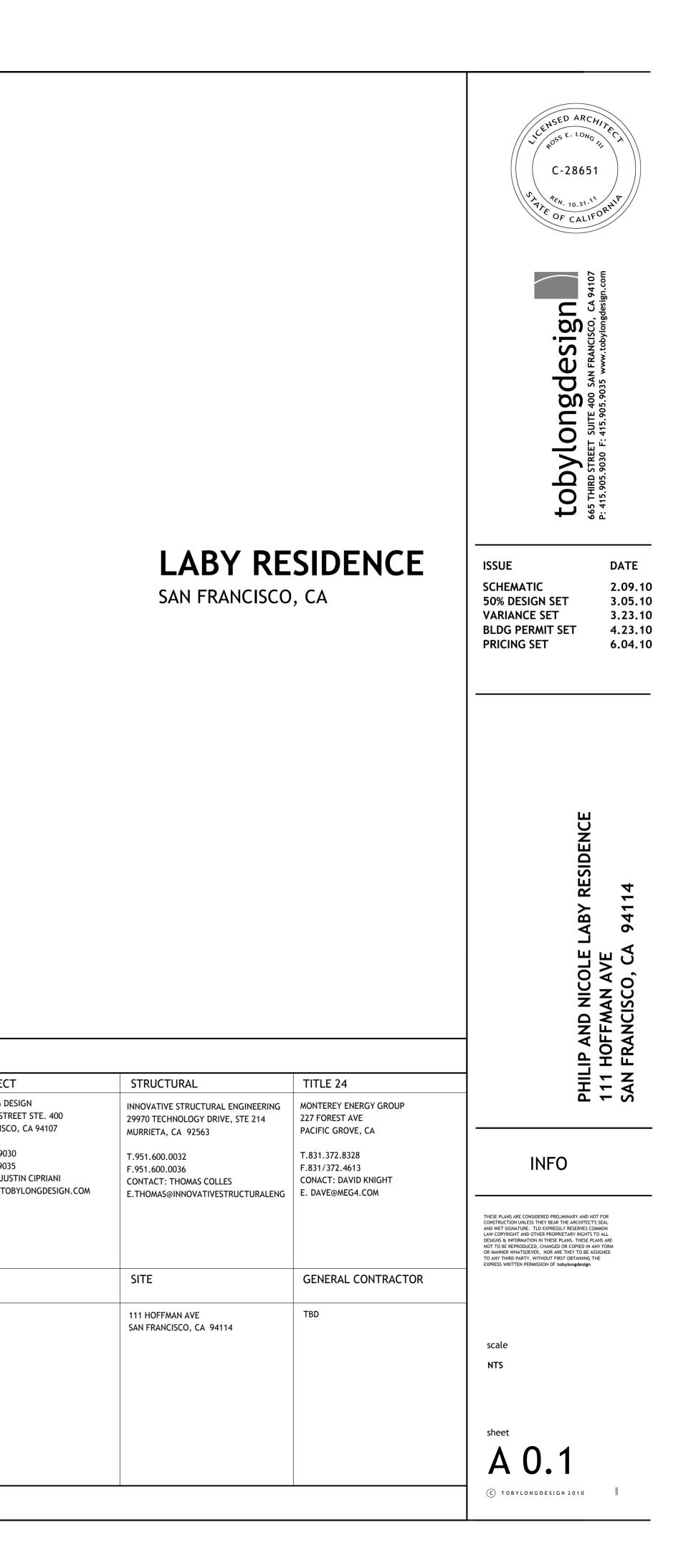


CONCEPTUAL IMAGE: STREET VIEW PROPERTY INFO ARCHITECTURAL STRUCTURAL XSCSCOVER SHEETXSN1GENERAL NOTESXSN2GENERAL NOTESXS1FOUNDATION PLANXS2LEV 1 FLOOR FRAMING PLANXS3LEV 2 FLOOR FRAMING PLAN A-0.1 PROJECT INFO 111 HOFFMAN AVE XA-0.1PROJECT INFOXA-0.2GENERAL NOTESXA-0.3GENERAL NOTESXA-0.4TITLE 24XA-1.1EXIST. SITE PLANXA-1.2PROPOSED SITE PLAN THIS I LOCATION SAN FRANCISCO, CA 94114 REAR BLOCK/ PARCEL# : 2802-029/ SOUTHWEST QUADRANT ZONING: RH-2 | PR 4 SITE DIMENSIONS 25' x 90' SITE AREA 2,250 SF 2007 ZONING FEATURES 2006 XA-2.8PROPOSED ROOF PLANXA-2.9BASEMENT RCPXA-2.10LEVEL 1 RCPXA-2.11LEVLE 2 RCPXA-3.1BUILDING SECTIONSXA-4.1EXIST. ELEVATIONSXA-4.2EXIST. ELEVATIONSXA-4.3PROPOSED ELEVATIONSXA-4.4PROPOSED ELEVATIONSXA-4.4INTERIOR ELEVATIONS 2005 HEIGHT LIMIT 40'-0" FRONT SETBACK AVERAGE OF NEIGHBORS 5 | CO SIDE SETBACKS 5'-0" <₩> REAR SETBACK 45% OF LOT (40'-6") X A-5.1 INTERIOR ELEVATIONS XA-5.2INTERIOR ELEVATIONSXA-5.3INTERIOR ELEVATIONSXA-6.1DETAILS BUILDING FEATURES XA-6.2DETAILSXA-7.1SCHEDULES LEVEL 1 1,048 SF $\langle \# \rangle$ X A-7.2 SCHEDULES LEVEL 2 1,028 SF LEVEL 3 914 SF # 2,990 SF TOTAL 2 ENCLOSED PARKING TABLE OF CONTENTS SITE AND BUILDING INFORMATION 2 6

							OWN	ER	ARCHITECT
PROJECT CONSISTS R FACADE. NEW DE					WS AND DOORS ON		163 G	P AND NICOLE LABY RANDVIEW AVE. RANCISCO, CA 94114	TOBY LONG DESIG 665 THIRD STREET SAN FRANCISCO, (
ROJECT DESCRI	ρτιον	1					F. CONT	5.729.0495 ACT: PHILIP LABY ITH@COMCAST.ET	T.415.905.9030 F.415.905.9035 CONTACT: JUSTIN E: JUSTIN@TOBYL
7 CALIFORNIA BUILE 6 IBC/ UMC/ UPC 5 NEC	DING CO	DDE	2	2008 TITLE 24					
DDE REFERENCI	Ξ						GEO ⁻	TECH	SURVEY
WINDOW SCHEDULE Z REFERENCE	#	REVISION REFERENCE	FLR #	FLOOR / CEILING ASSEMBLY REFERENCE	Lev. No. A6 Sheet No.	SECTION	NA		NA
DOOR AI SCHEDULE REFERENCE	<u>-IGN</u> ▼	ALIGN FINISH SURFACES	•	ELEVATION REFERENCE	A Detail No	DETAIL			
WALL ASSEMBLY (REFERENCE	1	KEY NOTE		Plan No. 1 A6 Sheet No.	A6Sheet No	REFERENCE			
SYMBOLS							7	CONTACT INFO	



CERTIFICATE OF COMPLIAN	CE: RESIDENTIAL COMPUTER	METHOD	CF-1R	Page 1
Project Title Project Address		*****	te04/19/10	09:34:15
Documentation Author	Second se	* * * * * *	Building Pe	
	Pacific Grove, CA 93950 831-372-8328		Field Check	į
Climate Zone Compliance Method	03 MICROPAS8 v8.0 for 2008	CEC Standa	rds (r11)	========
	File-LABY Wth-CTZ03S08 -Monterey Energy Group R	-		-19F
=	MICROPAS8 ENERGY USE S	UMMARY		=

=						=
=	Energy Use	Standard	Proposed	Compliance	Percent	=
=	(kTDV/sf-yr)	Design	Design	Margin	Improvement	=
=						=
=	Space Heating	22.94	25.56	-2.62	-11.4%	=
=	Space Cooling	7.16	1.92	5.24	73.2%	=
=	Ventilation Fans	0.66	0.66	0.00	0.0%	=
=	Water Heating	15.61	15.61	0.00	0.0%	Ξ
=						=
=	Total	46.37	43.75	2.62	5.7%	=
=						=

*** Building complies with Computer Performance ***

GENERAL INFORMATION -----

Conditioned Floor Area Building Type Construction Type Natural Gas at Site Building Front Orientation.	Not Required 2562.2 sf Single Family Detached New Yes Front Facing 270 deg (W) 1
and a second	3
A DE LA DELLE DE LE DELLE DELLE DELLE DELLE DELLE DELLE DELLE DE LE DELLE DELLE DE LE DELLE DELLE DE LE DELLE DELL	FullYear

=

Floor Construction Type	Slab On Grade
Number of Building Zones	1
Conditioned Volume	25622 cf
Slab-On-Grade Area	600 sf
Glazing Percentage	21.3 % of floor area
Average Glazing U-factor	0.4 Btu/hr-sf-F
Average Glazing SHGC	0.35
Average Ceiling Height	10 ft

Project Title			ate04/19/10 09:34:
Project Address		* * * * * *	1
	SAN FRANCISCO, CA 94114	*v8.0*	
Documentation Author	DAVID KNIGHT	* * * * * *	Building Permit #
	Monterey Energy Group		
	227 Forest Ave., Suite 5		Plan Check / Date
	Pacific Grove, CA 93950		
	831-372-8328		Field Check/ Date
Climate Zone	03		
Compliance Method	MICROPAS8 v8.0 for 2008	CEC Standa	ards (r11)

GENERAL INFORMATION

Floor Area	2562.2 sf
Volume	25622 cf
Front Orientation	Front Facing 270 deg (W)
Sizing Location	SAN FRANCISCO CO
Latitude	37.8 degrees
Winter Outside Design	38 F
Winter Inside Design	70 F
Summer Outside Design	77 F
Summer Inside Design	75 F
Summer Range	14 F
Interior Shading Used	Yes
Exterior Shading Used	Yes
Overhang Shading Used	Yes
Latent Load Fraction	0.11
TITIATING AND COOT THE I	CAD CIMMADU

HEATING AND COOLING LOAD SUMMARY

Description	Heating (Btu/hr)	Cooling (Btu/hr)					
Opaque Conduction and Solar	16195	5783					
Glazing Conduction and Solar	7009	16650					
Infiltration	8190	199					
Internal Gain	n/a	2520					
Ducts	6180	4304					
Sensible Load	37575	29456					
Latent Load	n/a	3293					
Minimum Total Load	37575	32749					

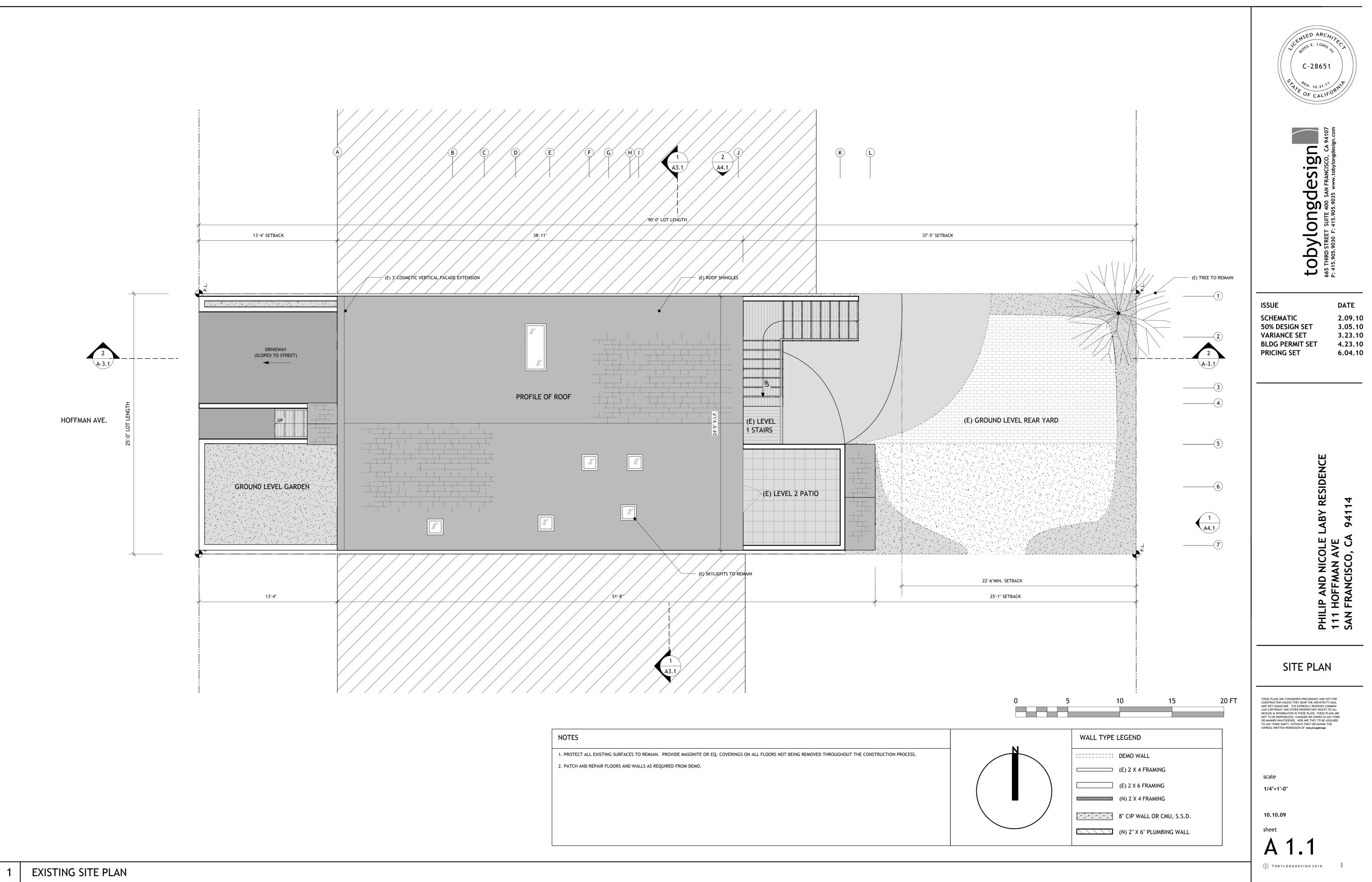
Note: The loads shown are only one of the criteria affecting the selection of HVAC equipment. Other relevant design factors such as air flow requirements, outside air, outdoor design temperatures, coil sizing, availability of equipment, oversizing safety margin, etc., must also be considered. It is the HVAC designer's responsibility to consider all factors when selecting the HVAC equipment.

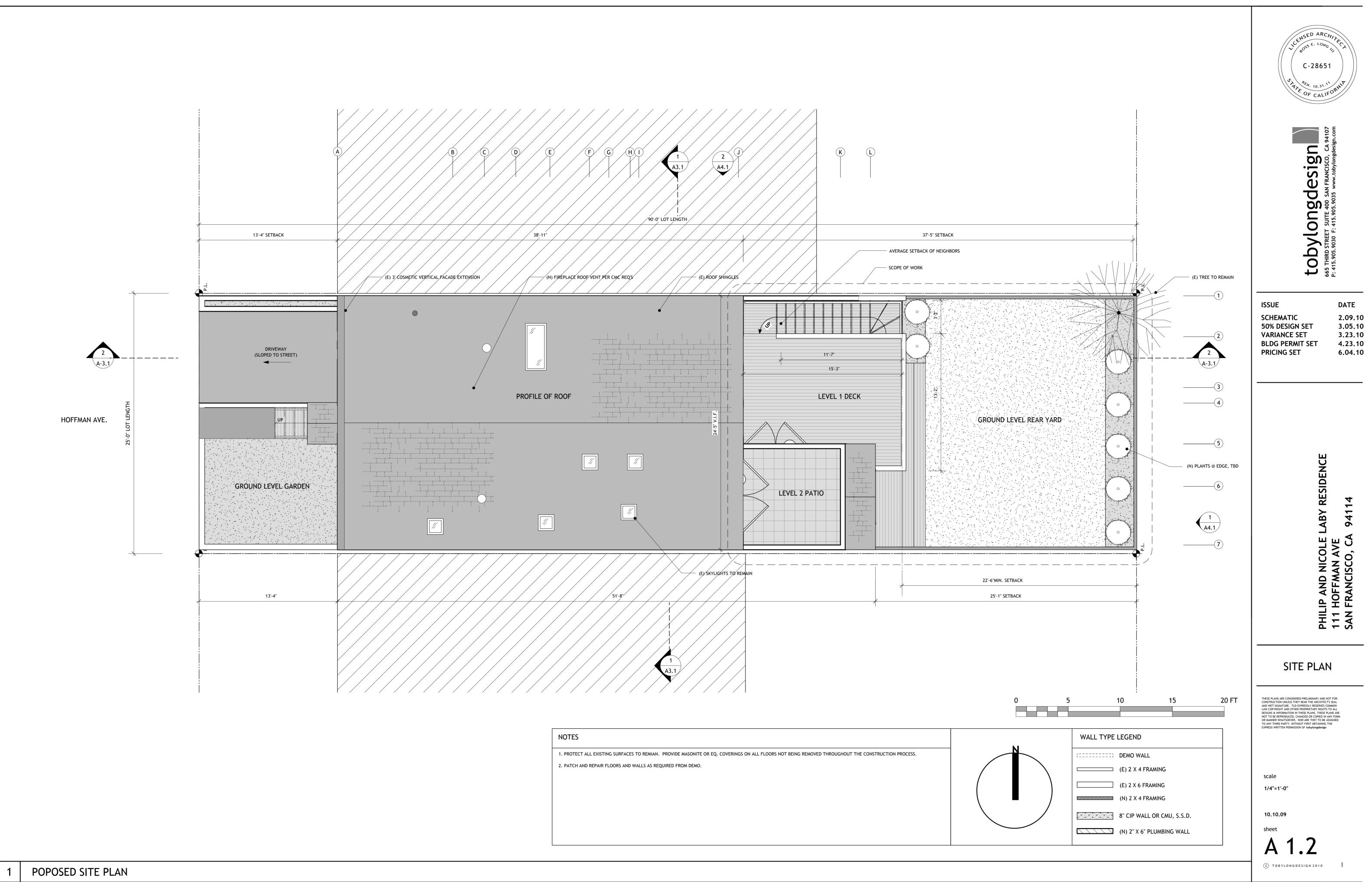
Project Tit	====== le	 	laby	RESII	ENCE			Date.	.04/19/	LR Page 2 /10 09:34:15
MIC	ROPAS8	v8.0 User	File- -Monte	LABY rey E	Wth-Ci nergy (rzo3s Group	08 Prog	ram-FORM 30R R-19	I CF-1R W R-OSI	R-19F
			BU				RMATION			
Zone Type	Ar (s	ea Vo	lume D cf) U	of well nits	# of (Peop- le i	Cond- it- Loned	stat I Type	Height (ft)	Area (sf)	
Residence										rd No
			A		AND ROO					
			-				Frame	T0.0		
Roof Type	Ma: (lb/s	ss R qft)	ise fl an	ect- ice	ivity	Dept (in.		Above	Below Deck	Area Vent Ratio High
Asphalt	Ligh	t 5	:12 0	.08	0.85	3.5	24 oc	0.00	0.00 1	L/300 0.00
				OF	AQUE SU	JRFAC	ES			
	Erom	Aroa	U-	Corri			Sola Gair			nation/
Surface					-		. Gain I Tilt			
1 Wall	 Wood	533			0		90 Ye	s 4.3.1		
2 Wall	Wood Wood	1314	0.074	19	0	0	90 Yes	s 4.3.1	A5	
4 Wall	Wood	1410	0.074	19	0	180	90 Ye:	s 4.3.1	A5	
5 Attic	Wood Othe:	1058	0.032	30	0	n/a	0 Ye: 90 Ye:	s 4.2.1	A8	
7 FloorExt							0 No			
				PE	RIMETER	R LOS	SES			
						 A	ppendix			
Surface					ul Sol al Gai		JA4 eference			
8 SlabEdg			0.730				.4.7 A1		edqe	
9 SlabEdg										
CERTIFICATE									CF-:	1R Page 4
Project Tit	le		LABY	RESI	DENCE			Date.	.04/19	/10 09:34:15
MIC	ROPAS8	v8.0	File-	LABY	Wth-C	rzo3s	08 Prog	ram-FORM	CF-1R	
User#-	MP0113	User	-Monte	-	Energy (-	Run-R-	30R R-19	W R-OSI	E R-19F
					HVAC S	IZING	;			
									fied	
			Tota Heati		Sensil Cooli	ng	Cooling	Maxi Cool	ing	
	System		Load	l	Load	E	Capacit: (Btu/hr	y Capa	acity	
							n/a 32749			
		Sizing	Locat	ion			SAN FRAN	CISCO CO)	
		Winter	Outsi	de De	sign		38 F			
					sign sign					
					ign					
			j-		DUCT SY					
							-			
							Verified Duct	Surface	Buri	ied
							Leakage			
Fu	rnace	A	ttic		R-6	No)	No	No	
AC		А						10	UV1	
					FAN SYS					
				-			Power			
		St	tandar	d	55.	62	.25			
					HEATIN					
							Number			External
Tank Type		Heate: Type		tribu	tion Ty	/pe	in System	Energy Factor	Size (gal)	Insulation R-value

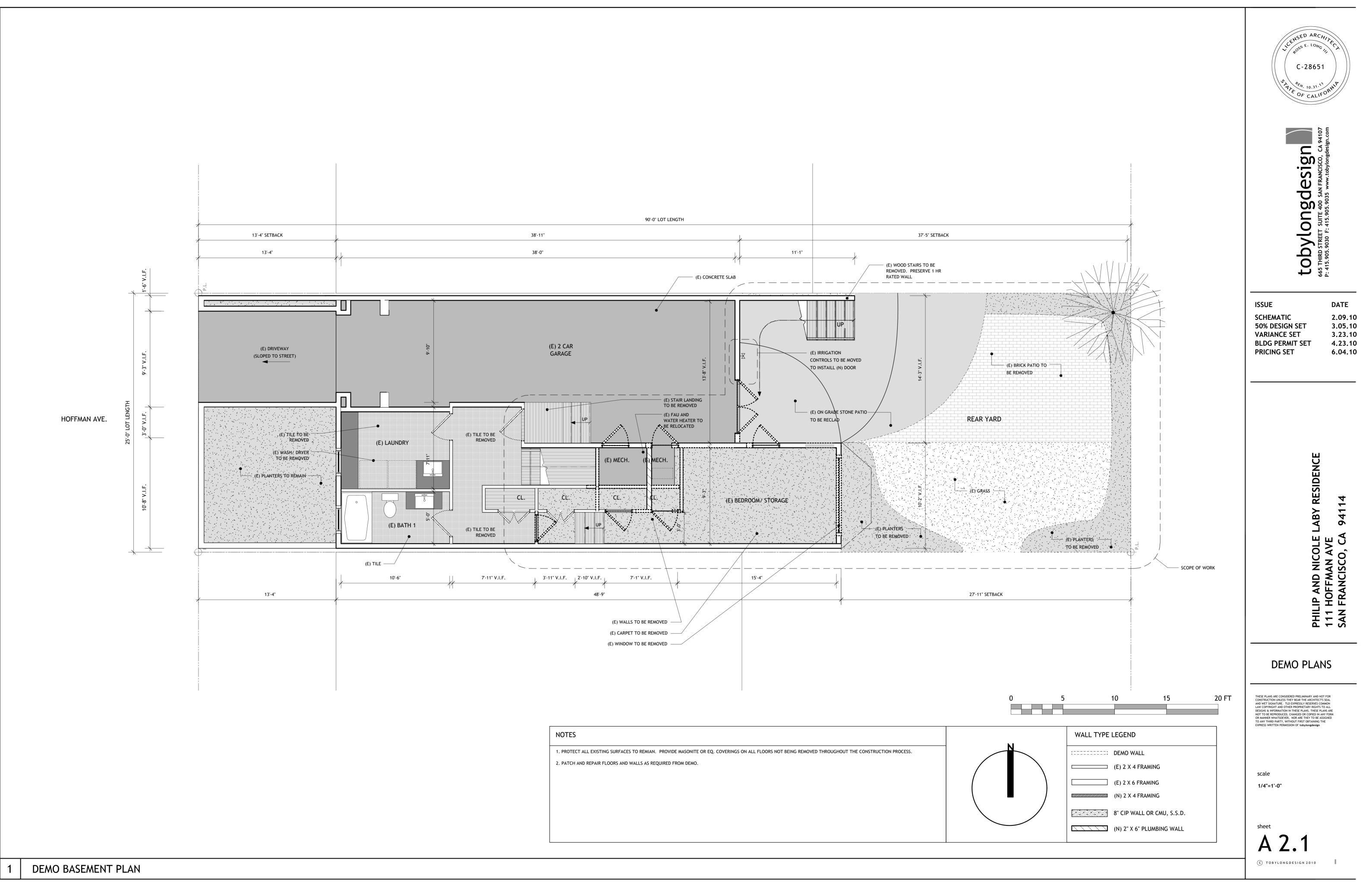
				Number		Tank	External	
	Heater			in	Energy	Size	Insulation	
Tank Type	Туре	Distribution T	ype	System	Factor	(gal)	R-value	
1 Storage	Gas	Standard		1	0.575	50	R-n/a	

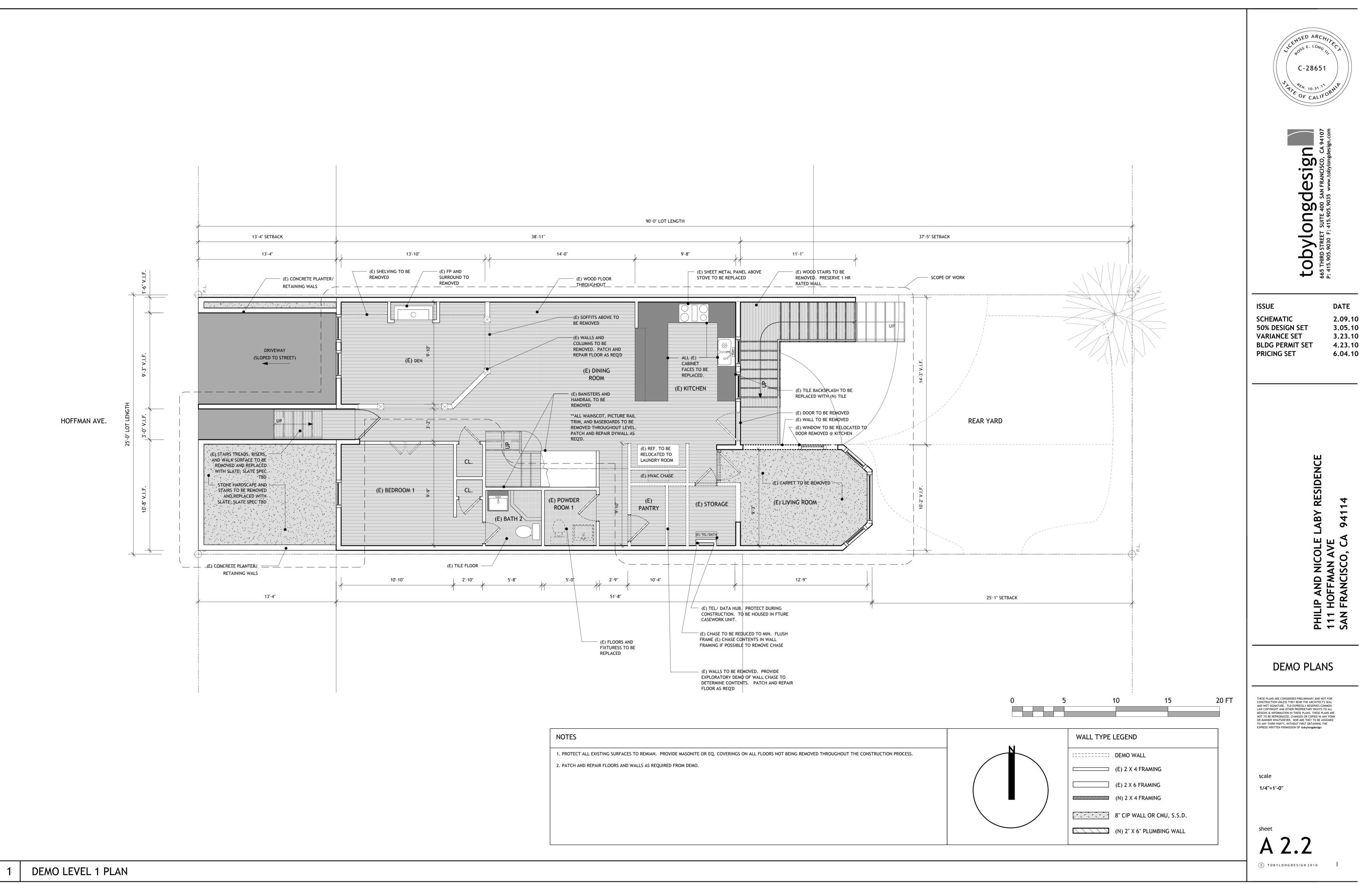
CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 3 Project Title LABY RESIDENCE Date04/19/10 09:34:15 MICROPAS8 v8.0 File-LABY Wth-CTZ03S08 Program-FORM CF-1R User#-MP0113 User-Monterey Energy Group Run-R-30R R-19W R-OSE R-19F FENESTRATION SURFACES	C-28651 V. Censed ARCH/JR C-28651 C-28651 V. Por CALIFORNIP
Area U- Act Shade Orientation (sf) factor SHGC Azm Tilt Type Location/Comments 1 Wind Front (W) 27.0 0.400 0.350 270 90 Standard FGLASS1/Vinyl/Wood Opera 2 Wind Front (W) 64.5 0.400 0.350 270 90 Standard FGLASS2/Vinyl/Wood Opera 3 Wind Front (W) 40.5 0.400 0.350 270 90 Standard FGLASS2/Vinyl/Wood Opera 4 Wind Front (W) 24.0 0.400 0.350 0 90 Standard FGLASS2/Vinyl/Wood Opera 5 Wind Left (N) 72.0 0.400 0.350 90 90 Standard BGLASS1/Vinyl/Wood Opera 6 Wind Back (E) 75.0 0.400 0.350 90 90 Standard BGLASS1/Vinyl/Wood Opera 9 Wind Back (E) 56.0 0.400 0.350 90 90 Standard BGLASS1/Vinyl/Wood Opera 10 Skyl Horz 10.0 <	tobylongdesign. (A 94107 665 THIRD STREET SUITE 400 SAN FRANCISCO, CA 94107 645 THIRD STREET SUITE 400 SAN FRANCISCO, CA 94107 6415.905.9030 F: 415.905.9035 www.tobylongdesign.com
SLAB SURFACES Area Slab Type (sf) Standard Slab 600 HVAC SYSTEMS	ISSUE DATE SCHEMATIC 2.09.10 50% DESIGN SET 3.05.10 VARIANCE SET 3.23.10 BLDG PERMIT SET 4.23.10 PRICING SET 6.04.10
CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 5 Project Title LABY RESIDENCE Date04/19/10 09:34:15 MICROPASS v8.0 File-LABY Wth-CT203S08 Program-FORM CF-1R User#-MP0113 User-Monterey Energy Group Run-R-30R R-19W R-OSE R-19F REMARKS REMARKS This certificate of compliance lists the building features and performance specifications needed to comply with Title-24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to	HILIP AND NICOLE LABY RESIDENCE 11 HOFFMAN AVE 11 HOFFMAN AVE AN FRANCISCO, CA 94114
<pre>implement them. This certificate has been signed by the individual with overall design responsibility. DESIGNER or OWNER DOCUMENTATION AUTHOR Name TOBY LONG Name DAVID KNIGHT Company. TOBY LONG DESIGN Company. Monterey Energy Group Address. 665 3RD ST. SUITE 400 Address. 227 Forest Ave., Suite 5 SAN FRANCISCO, CA. 94107 Pacific Grove, CA 93950 Phone (415) 905-9030 Phone 831-372-8328</pre>	TITLE 24
Findle (415) 905-9030 Findle $831-372-8328$ License. $\frac{L-28/K!}{\sqrt{4/28/10}}$ Signed $\frac{Davil W. Knight}{4/19/10}$ ENFORCEMENT AGENCY	THESE PLANS ARE CONSIDERED PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS THEY BEAR THE ARCHITECTS SEAL AND WET SIGNATURE. TLD EXPRESSLY RESERVES COMMON LAW COPYRIGHT AND OTHER PROPRIETARY RICHTS TO ALL DESIGNS & INFORMATION IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF tobylongdesign
Name Title Agency Phone Signed (date)	scale NTS 10.10.09 sheet A O.5 © TOBYLONGDESIGN 2010

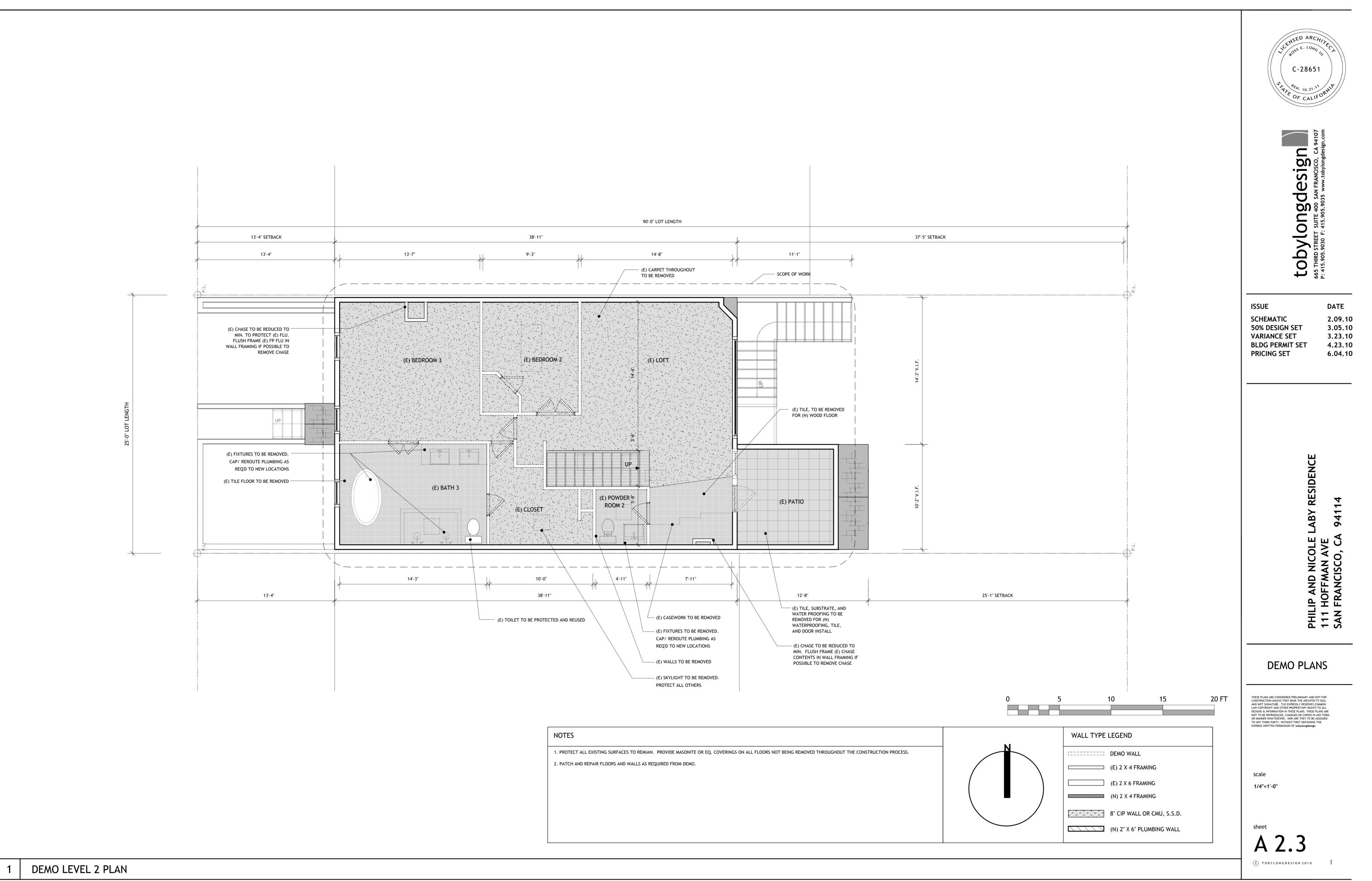
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Exterior Area U- Act Shade (sf) factor SHGC Azm Tilt Type Location/Comments Wind Front (W) 27.0 0.400 0.350 270 90 Standard FGLASS1/Vinyl/Wood Opera Wind Front (W) 64.5 0.400 0.350 270 90 Standard FGLASS2/Vinyl/Wood Opera Wind Front (W) 40.5 0.400 0.350 270 90 Standard FGLASS1/Vinyl/Wood Opera Wind Left (N) 24.0 0.400 0.350 90 Standard EGLASS1/Vinyl/Wood Opera Wind Back (E) 72.0 0.400 0.350 90 Standard EGLASS2/Vinyl/Wood Opera Wind Back (E) 71.3 0.400 0.350 90 90 Standard EGLASS2/Vinyl/Wood Opera Wind Back (E) 56.0 0.400 0.350 90 90 Standard EGLASS2/Vinyl/Wood Opera Skyl Horz 10.0 0.450 0.350 0 None	tobylongdesign Constrained and subsequences www.tobylongdesign.com
SLAB SURFACES Area Slab Type (sf) Standard Slab 600 HVAC SYSTEMS HVAC SYSTEMS Verified Verified Verified Verified Verified Verified System Minimum Refrig Charge Adequate Type Efficiency EER or CID Airflow Draw Capacity Furnace 0.800 AFUE n/a n/a n/a ACSplit 13.00 SEER No No No No	ISSUE DATE SCHEMATIC 2.09.10 50% DESIGN SET 3.05.10 VARIANCE SET 3.23.10 BLDG PERMIT SET 4.23.10 PRICING SET 6.04.10
CERTIFICATE OF COMPLIANCE: RESIDENTIAL COMPUTER METHOD CF-1R Page 5 Project TitleLABY RESIDENCE Date04/19/10 09:34:15 MICROPASE v8.0 File-LABY Wth-CTZ03S08 Program-FORM CF-1R UserH-MP0113 User-Monterey Energy Group Run-R-30R R-19W R-OSE R-19F REMARKS COMPLIANCE STATEMENT This certificate of compliance lists the building features and performance specifications needed to comply with Title-24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to implement them. This certificate has been signed by the individual with overall design responsibility.	PHILIP AND NICOLE LABY RESIDENCE 111 HOFFMAN AVE SAN FRANCISCO, CA 94114
DESIGNER OF OWNER DOCUMENTATION AUTHOR Name TOBY LONG Name DAVID KNIGHT Company. TOBY LONG DESIGN Company. Monterey Energy Group Address. 665 3RD ST. SUITE 400 Address. 227 Forest Ave., Suite 5 SAN FRANCISCO, CA. 94107 Pacific Grove, CA 93950	TITLE 24
Phone (415) 905-9030 License. $\frac{2 - 28(\kappa 1)}{\sqrt{4/28/10}}$ Phone 831-372-8328 Signed $\frac{2}{\sqrt{28/10}}$ Signed $\frac{2}{\sqrt{4/19/10}}$ ENFORCEMENT AGENCY	THESE PLANS ARE CONSIDERED PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS THEY BEAR THE ARCHITECTS SEAL AND WET SIGNATURE. TLD EXPRESSLY RESERVES COMMON LAW COPYRIGHT AND OTHER PROPRIETARY RIGHTS TO ALL DESIGNS & INFORMATION IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT INST OBTAINING THE EXPRESS WRITTEN PERMISSION OF tobylongdesign
Name Title Agency Phone Signed (date)	scale NTS 10.10.09 sheet A 0.5

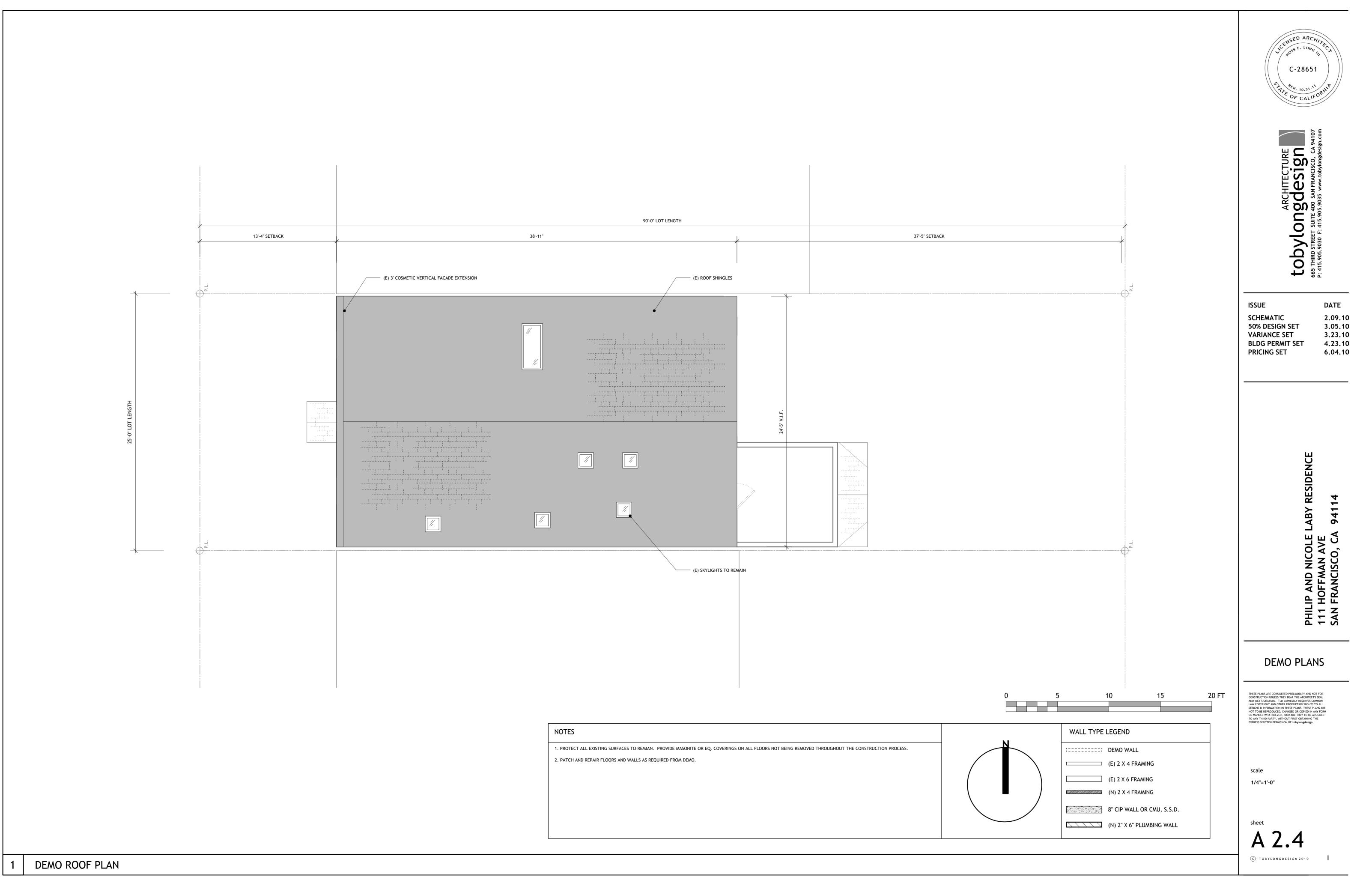


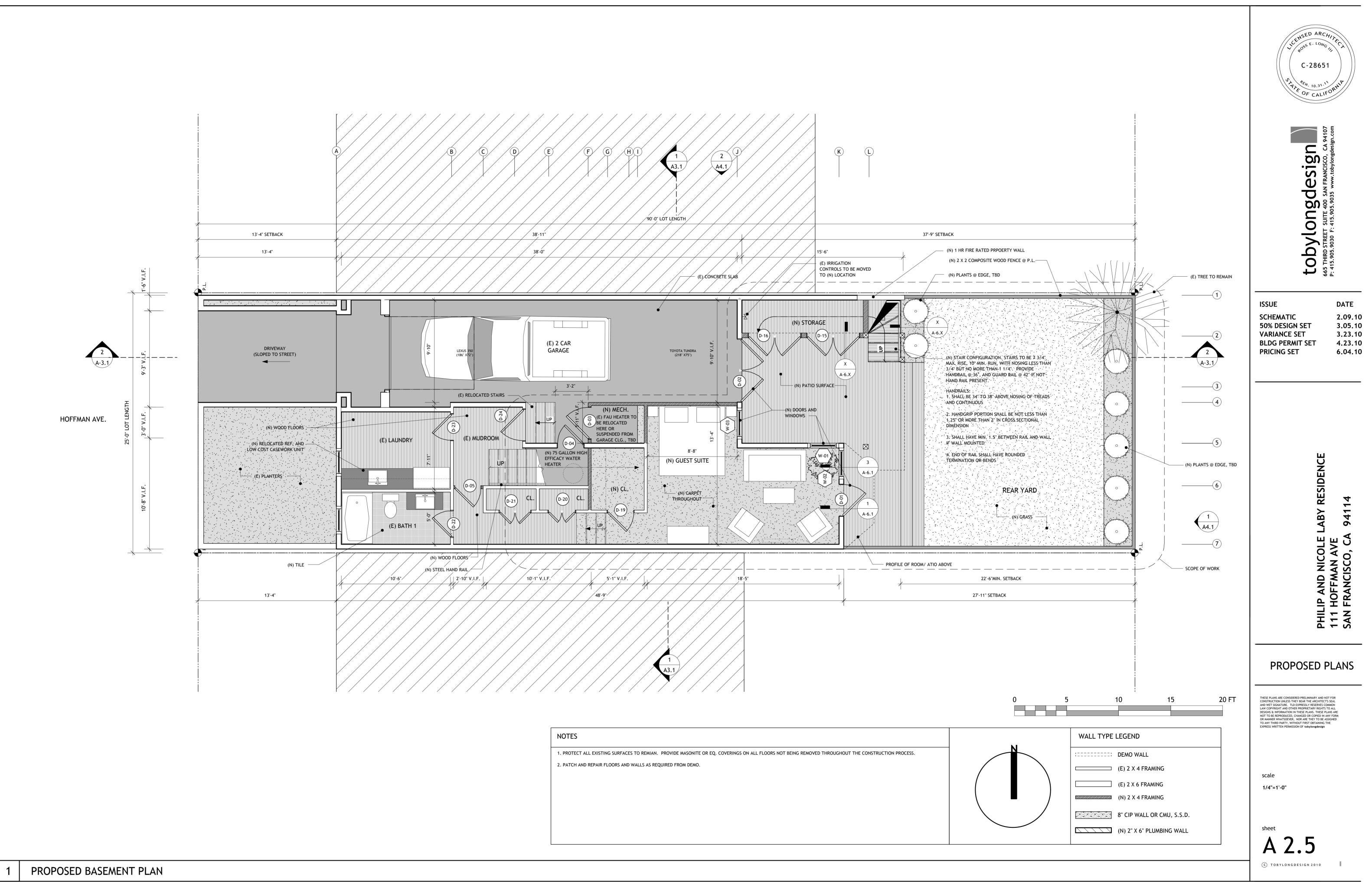


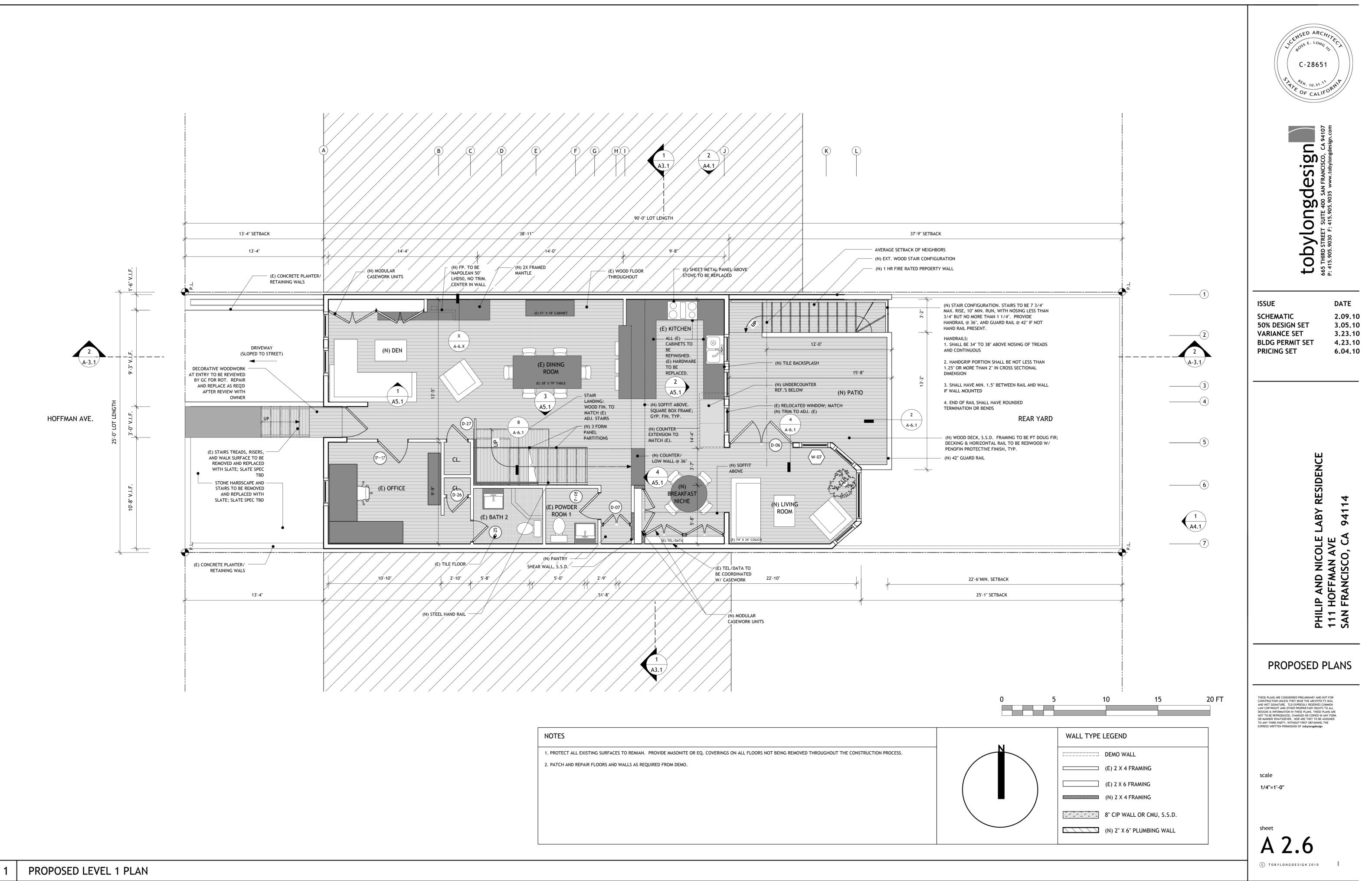




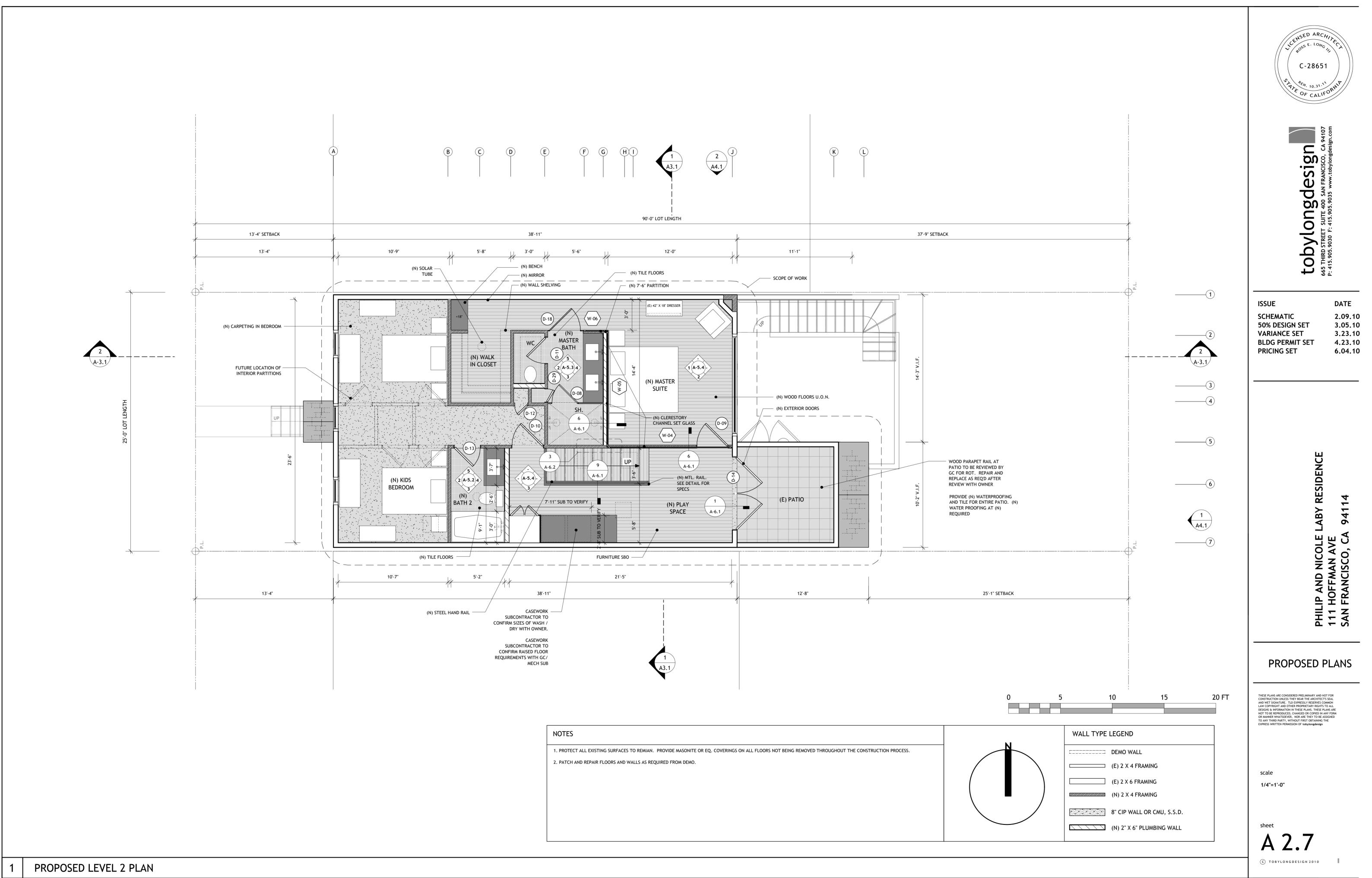


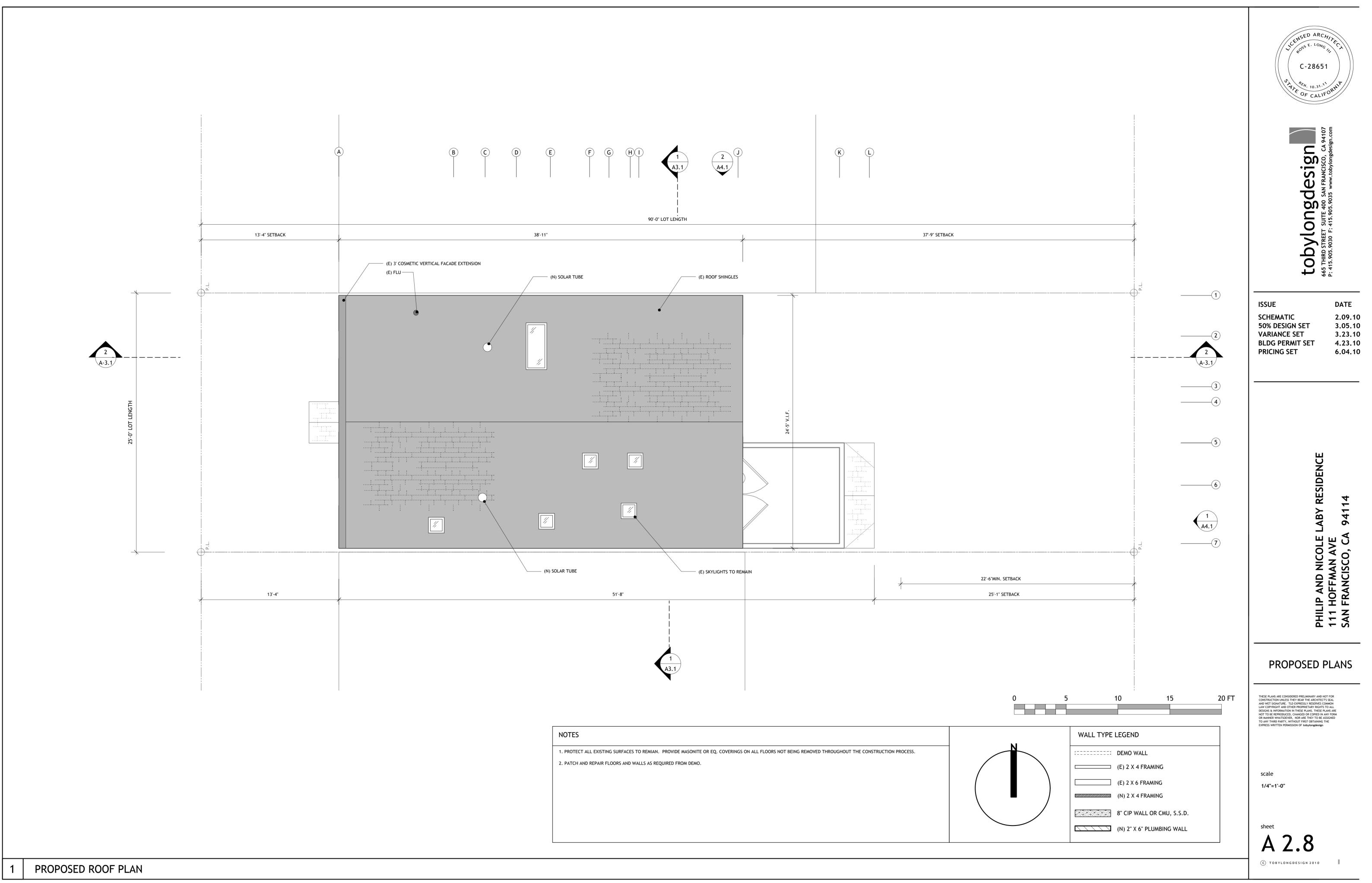


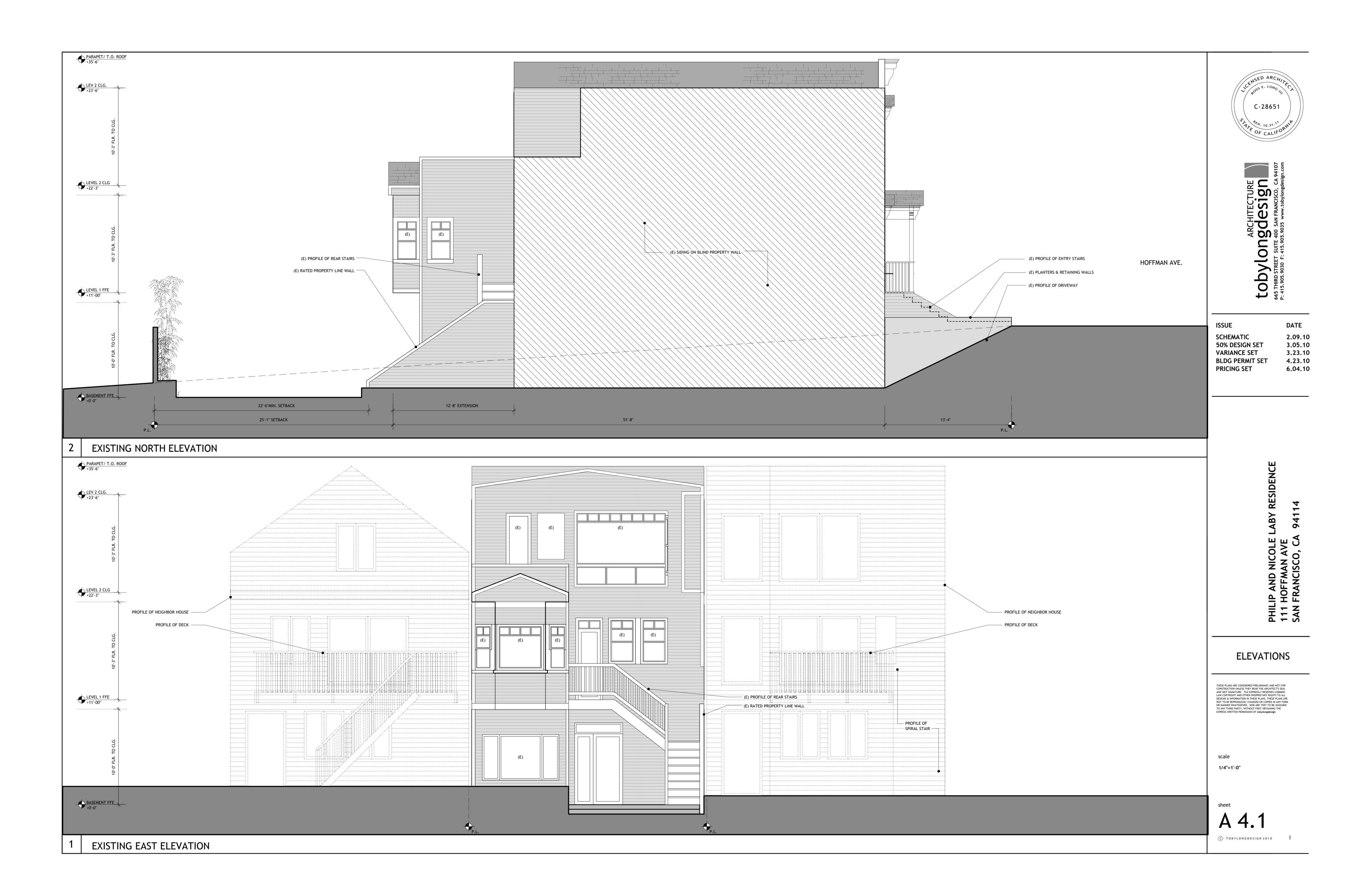


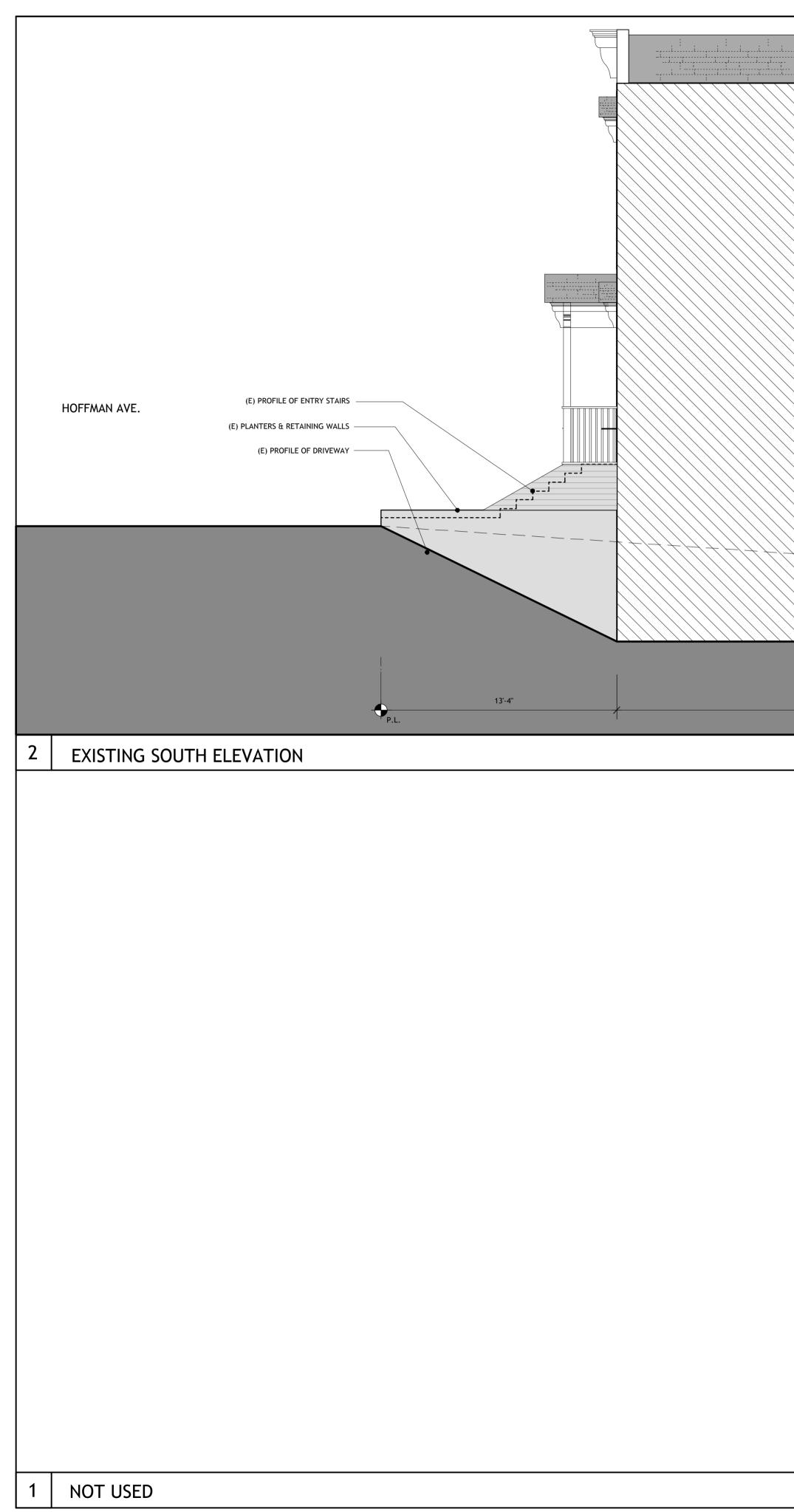


NOTES









(E) SIDING ON BLIND PROPERTY			(E)
	51'-8"	12'-8" EXTENSION	

