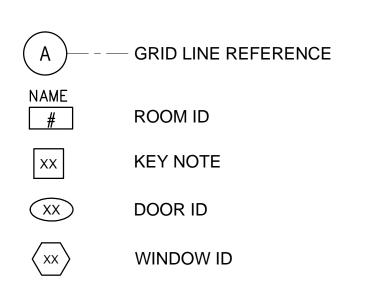
# REFERENCE KEYS



SECTION

DETAIL

DETAIL No. SHEET No.

DETAIL No. SHEET No.

DETAIL No.

SHEET No.

DETAIL No. . x ( A5.3 ) SHEET No.

ХХ Х A5.1

xx \

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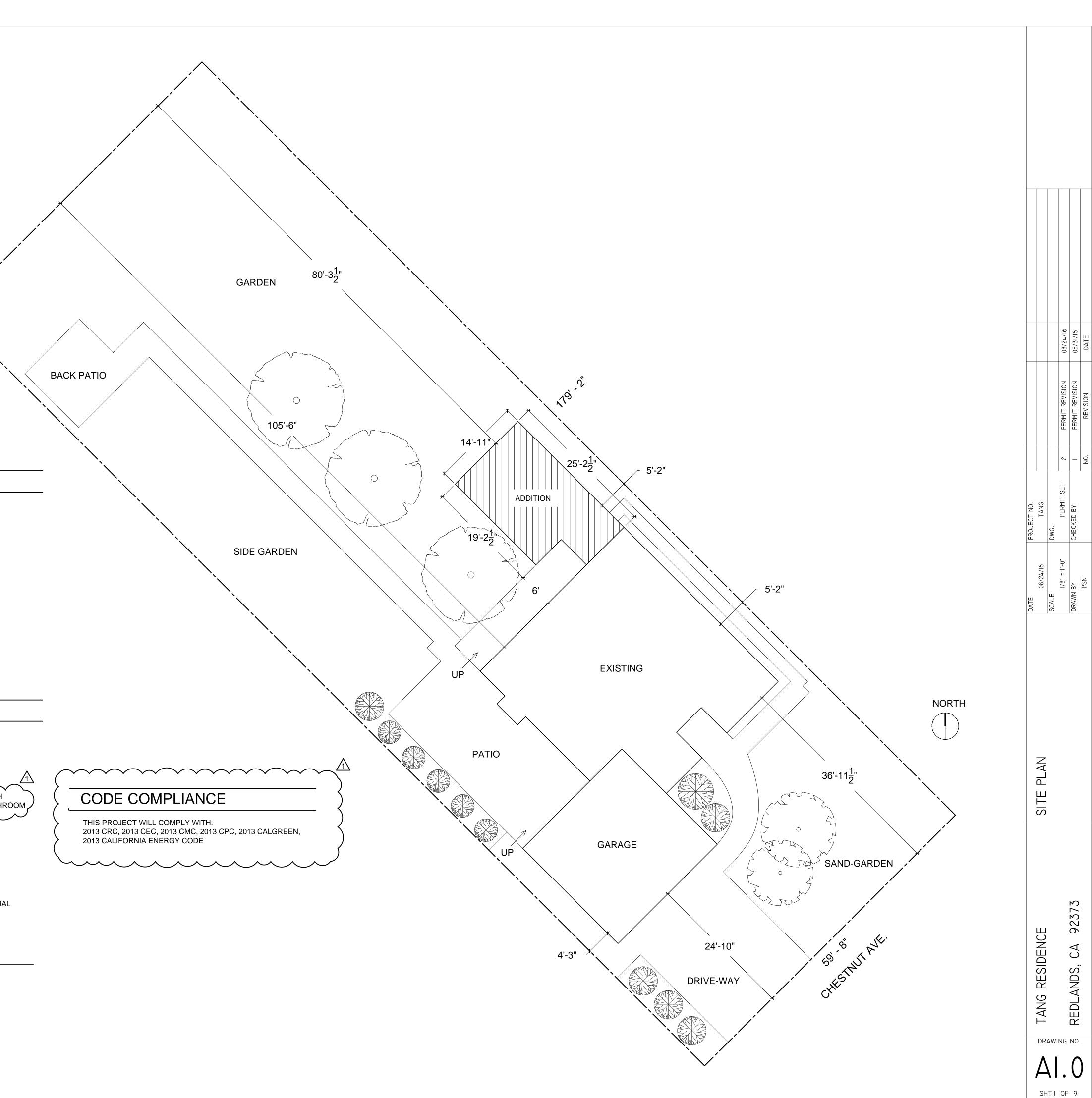
INTERIOR ELEVATION

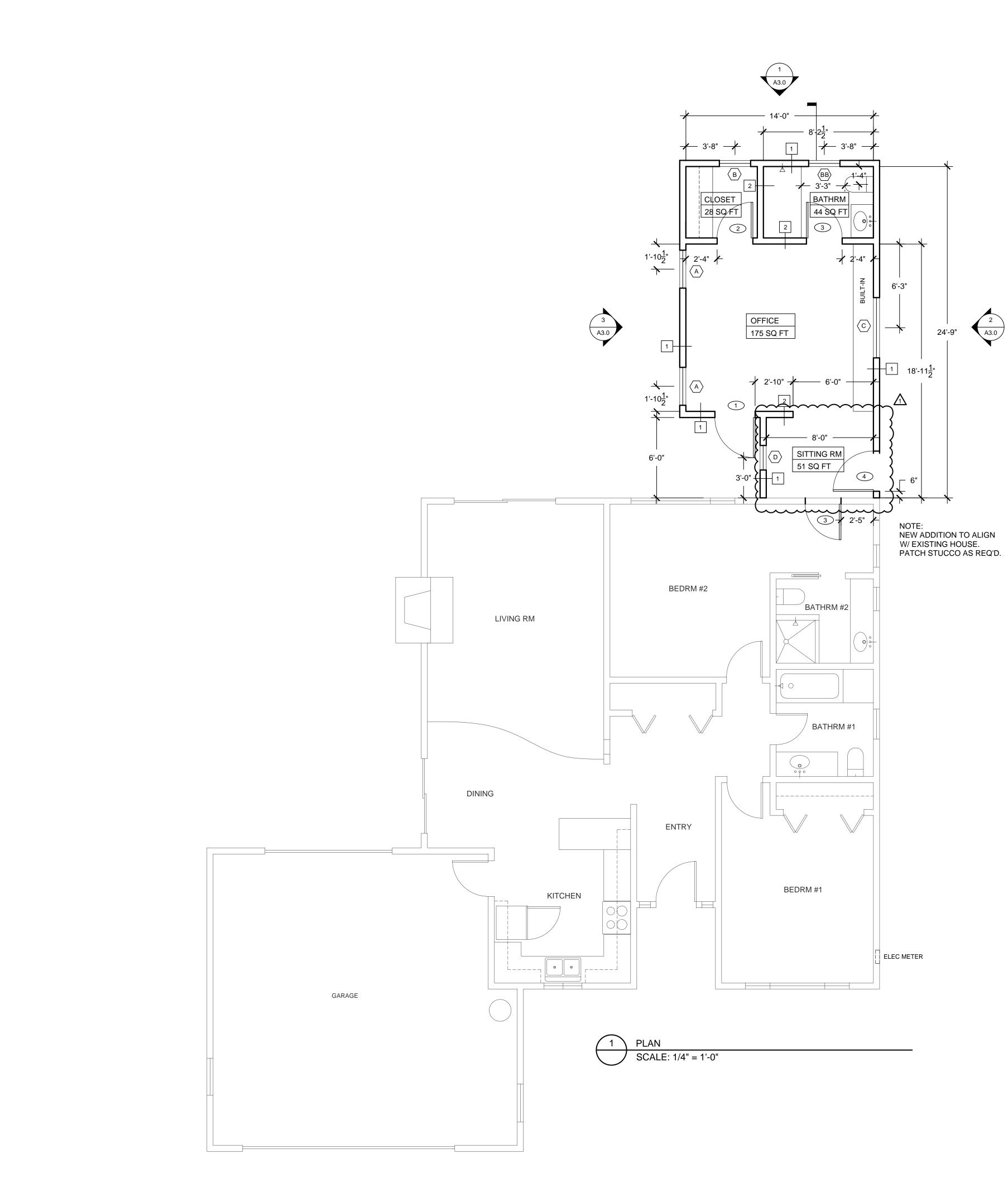
EXTERIOR ELEVATION

# SHEET INDEX

ARCHITECTURAL A1.0 SITE PLAN A2.0 FLOOR PLAN A3.0 EXTERIOR ELEVATIONS A4.0 FOUNDATION & ROOF PLAN A4.1 WALL SECTION DETAIL NEW TO OLD ATTACHMENT DETAILS A5.0 INTERIOR ELEVATIONS & FLOOR FINISHES E1.0 ELECTRICAL PLAN M1.0 MECHANICAL PLAN P1.0 PLUMBING PLAN

	PROJECT DA	TA
	OWNER:	TANG
	ADDRESS:	XXXX CHESTNUT AVENUE REDLANDS, CA 92373
	PARCEL NUMBER:	0173-211-22-0000
$\left\{ \right.$		ADDITION OF OFFICE WITH WALK-IN STORAGE & BATHRO
	TRACT / BLOCK:	-
	LOT:	-
-	ZONE:	R-S
	OCCUPANCY:	SINGLE FAMILY RESIDENTIAL
	CONSTRUCTION TYPE:	Vb [b]
	HEIGHT:	SINGLE STORY
	AREA ANALYSIS	
	EXISTING AREA:	1168.3 SF
	PROPOSED AREA:	339.9 SF
	TOTAL AREA:	1508.2 SF
	LOT AREA:	10,680.3 SF





## WINDOW SCHEDULE

		-					
	DESCRIPTION		ESTIMATED FRAME SIZE		ESTIMATED ROUGH OPENING		REMARKS
		QTY.	WIDTH	HEIGHT	WIDTH	HEIGHT	
A	2'-10" X 2'-8" SLIDING WINDOW	2	33 1/2"	31 1/2"	34"	32"	ALL LOW E GLAZING
В	2'-4" X 2'-2" SINGLE HUNG	1	27 1/2"	25 1/2"	28"	26"	STANDARD OBSCURE
ВВ	2'-4" X 2'-2" SINGLE HUNG	1	27 1/2"	25 1/2"	28"	26"	STANDARD OBSCURE TEMPERED GLASS
c	4'-6" X 1'-6" SLIDING WINDOW	1	43 1/2"	13 1/2"	54"	18"	
	1'-10" X 2'-2" SINGLE HUNG	1	21 1/2"	25 1/2"	22"	26"	

ALL WINDOWS TO HAVE MINIMUM U-FACTOR OF 0.31 AND SHGC OF 0.21.

### DOOR SCHEDULE

$\bigcirc$	DESCRIPTION	QTY	MATERIAL	FINISH	sw.	
1	3'-0" 6'-8" 1-3/4"	1	FIBERGLASS	PAINT	L <b>(</b>	FROSTED, TEMPERED
2	2'-8" 6'-8" 1-3/4"	1	H.C. WOOD	PAINT	R	
3	2'-8" 6'-8" 1-3/4"	2	H.C. WOOD	PAINT		$\square$
4	3'-0" 6'-8" 1-3/4"	1	FIBERGLASS	PAINT	Γ <b>ζ</b>	FROSTED, TEMPERED

#### WALL SCHEDULE

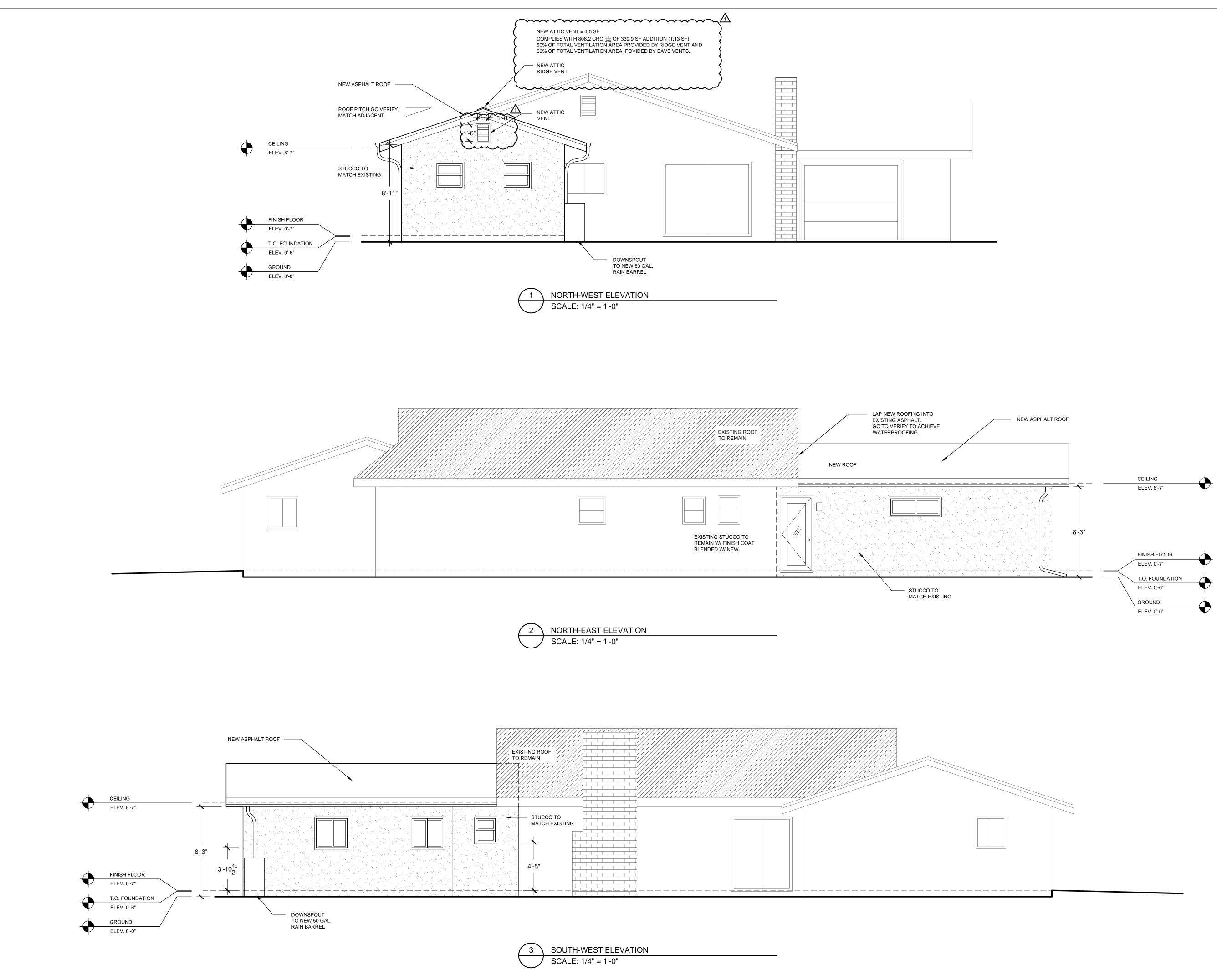
1	EXTERIOR WALL CONSTRUCTION: 2X4 @ 16" O.C.(W/R-13) IBER GLASS BATT INSULATION, 3/4" PLYWOOD & STUCCO ON THE OUTSIDE, 5/8" TYPE "X" DRYWALL ON THE INSIDE.
2	INTERIOR PARTITION WALL CONSTRUCTION: 2 X4 @ 16" O.C. W/R-13 KRAFT FACED INSULATION, 5/8" TYPE "X" DRYWALL.

### LIGHT & VENT SCHEDULE

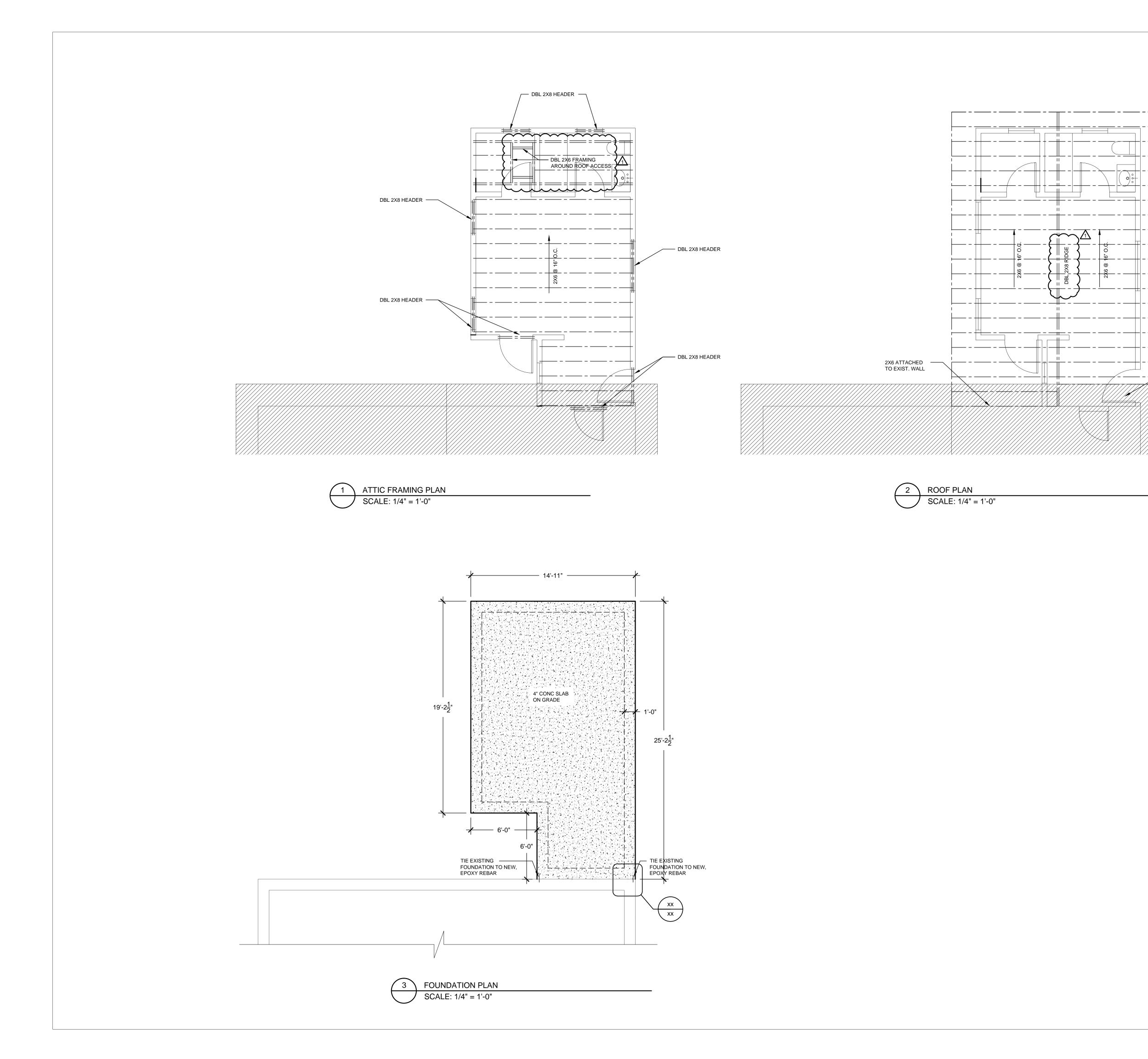
ROOM	SQ. FT.	4% VENT	ACTUAL VENT	8% LIGHT	ACTUAL LIGHT
CLOSET	28	N/A	1.5	N/A	3.0
BATHRM	44	N/A	1.5	N/A	3.0
OFFICE	175	7	7.2	14	25.4
SITTING RM	51	N/A	1.1	N/A	13.2



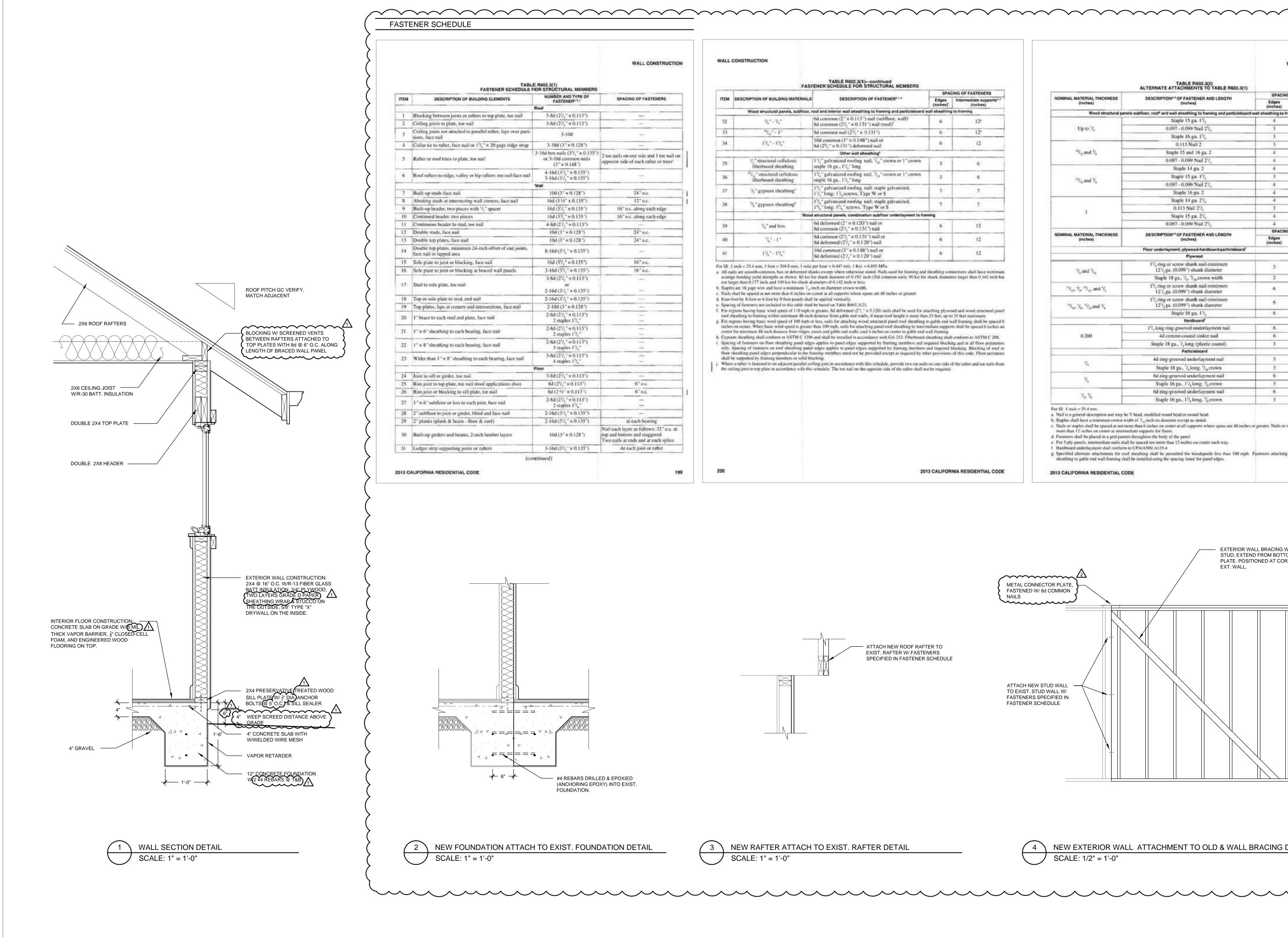
			08/24/16	05/31/16	DATE
			PERMIT REVISION	PERMIT REVISION	REVISION
	( )		PERMIT SET 2		NO.
PROJECT NO.	TANG	DWG.		CHECKED BY	
DATE	08/24/16	SCALE	µ/−,  = ",−0"	DRAWN BY	PSN
	PLAN				
			NG	) ⊠ REDLANDS, CA 92373	



		08/24/16	05/31/16	DATE
		PERMIT REVISION	PERMIT REVISION	REVISION
PROJECT NO. TANG	DWG.	PERMIT SET 2	CHECKED BY I	NO.
DATE 08/24/16	SCALE	.0-,1 = .1/1	DRAWN BY	PSN
EXTERIOR FI EVATIONS				
TANG RESIDENCE			REDLANDS, CA 92373	
Δ		).	(	)



	08/24/16 05/31/16 DATE DATE
LAP NEW ROOFING INTO EXISTING ASPHALT. GC TO VERIFY TO ACHIEVE WATERPROOFING.	PERMIT REVISION PERMIT REVISION REVISION
	PROJECT NO. TANG DWG. PERMIT SET CHECKED BY I
	DATE 08/24/16 SCALE AS NOTED DRAWN BY PSN
	FOUNDATION, ATTIC AND ROOF PLAN
	TANG RESIDENCE DRAWING NO. BRAWING NO. SHT 4 OF 9



TABL	E R602.3(1)	WALL CONSTRUCTIO
LOING ELEMENTS	OR STRUCTURAL MEMBERS	SPACING OF FASTENERS
	FASTENER®	
ers to top plate, toe nail	3.8d (2 <sup>1</sup> ),*×0.113")	
are or other brand are south	3-8d (2 <sup>2</sup> / <sub>1</sub> "×0,113")	
mallel rafter, laps over parti-	3-104	-
1%,* × 20 gage ridge strap	3-104 (31×0.1285)	
t mini	3-16d box nails (3 <sup>1</sup> / <sub>2</sub> " × 0.135") or 3-10d common nails (3" × 0.148")	2 toe rails on one side and 1 toe nail on opposite side of each rafter or truss
hip rafters: tee nail face nail	4-16d (3 <sup>1</sup> / <sub>1</sub> " × 0.135") 3-16d (3 <sup>1</sup> / <sub>2</sub> " × 0.135")	
	Wall	
	104 (3" × 0.128")	24" o.c.
vall corners, face nuil	16d (3.55° x 0,135°)	12" o.c.
th 1/2" spacer	16d (3 <sup>1</sup> / <sub>2</sub> "×0.135")	16" o.c. along each edge
	16d (37)*×0.1357	16" o.c. along each edge
nail	4-8d (2 <sup>1</sup> / <sub>1</sub> "×0.113")	
	10d (3*×0.128*)	24" o.c.
	10d (3*×0.128*)	24" e.c.
4-inch offset of end joints,	8-16d $(3^{1}/_{2}) \times 0.1357$	-
face nail	16d (3 <sup>1</sup> / <sub>2</sub> "×0.135 <sup>+</sup> )	16" o.c.
t braced wall panels	3-16d (3½,*×0.135*)	16° o.c.
	3-8d (2 <sup>1</sup> /z <sup>+</sup> ×0.113 <sup>+</sup> ) or	-
	2-16d (37/2* × 0.135*)	
aal	2-16d (3 <sup>1</sup> / <sub>3</sub> " × 0.135")	
intersections, face nail	2-10d (3"×0.128")	
face mill	2-8d (21/2"×0.113") 2 staples 11/4"	=
ng, face nail-	2-8d (2 <sup>1</sup> / <sub>1</sub> " × 0.113") 2 staples 1 <sup>1</sup> / <sub>4</sub> "	
ng, face nail	2-8d (2 <sup>1</sup> /," × 0.113")	
	3 staples 11/4" 3-8d (21/1" × 0.113")	
o each bearing, face nail	4 staples 174*	
	3-8d (2 <sup>1</sup> / <sub>2</sub> " × 0.113")	
roof applications also)	8d (2%,"×0.113")	6" oz.
te, toe nail	8d(21) × 0.1137)	0°0¢.
the second s	2-8d (2 <sup>1</sup> ), "× 0.113")	. 17, 3941
joist, face nail	2 staples 177,"	-
ind and face nail	2-16d (31/2" × 0.135")	
r & 100f)	2-16d (31/2" × 0.135")	at each bearing
nch lumber layers	104 (3" × 0.128")	Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice.
	3-16d (3 <sup>1</sup> /, " x 0.135")	At each joist or rather

ALL CONSTRUCTION	NALL
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			SPAC	ING OF FASTENERS
TEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER <sup>1,1+</sup>	Edges (inches)	Intermediate supports* (inches)
	Wood structural panels, subfloor, e	toof and interior wall sheathing to framing and particleboard a	call sheathing	to framing
32	$\beta^{2}_{a} \cdot \beta^{2}_{a}$	6d common (2" × 0.113") nail (subfloor, wall) 8d common (2 $y_1$ " × 0.131") nail (roof) <sup>4</sup>	6	12*
33	<sup>10</sup> / <sub>11</sub> ~ 1*	8d common nail (2½," × 0.133")	6	12'
34	$1 \overline{V_e}^{*} + 1 \overline{V_e}^{*}$	10d common (3" × 0.148") nail or 8d (2 <sup>1</sup> / <sub>1</sub> " × 0.131") deformed nail	6	12
		Other wall sheathing*		
35	1/2," structural celluloxic fiberboard sheathing	$1^{1}\!l_{1}^{**}$ galvanized roofing nail, $^{2}\!l_{16}^{**}$ crown or $1^{**}$ crown staple 16 ga., $1^{1}\!l_{4}^{**}$ long	3	6
36	29/12" structural cellulosie liberboard sheathing	11/," galvanized roofing nail, "I is "crown or 1" crown staple 16 ga., 11/2" long	3	6
37	Ve <sup>+</sup> gypsum sheathing <sup>e</sup>	11/1" galvanized roofing nail; staple galvanized, 11/1" long; 11/4 screws, Type W or S	7	7
38	₹%" gyptom sheathing*	1 <sup>1</sup> / <sub>4</sub> " galvanized roofing nail; staple galvanized, 1 <sup>3</sup> / <sub>4</sub> " long; 1 <sup>3</sup> / <sub>8</sub> " screws, 'Type W or S	7	7
	Wood	I structural panels, combination subfloor underlayment to fra	ming	
39	${}^{1\!}\mathrm{Z}_{\mathfrak{g}}{}^*$ and less	6d deformed (2" × 0.120") sail or 8d common (2"/; " × 0.131") sail	6	12
40	${}^{2}\ell_{g}^{-m} \sim 1^{-m}$	8d common (2 <sup>1</sup> / <sub>2</sub> " × 0.131") nail or 8d deformed (2 <sup>1</sup> / <sub>2</sub> " × 0.120") nail	6	12
43	$V_{k_{p}}^{\mu\nu} \sim 1 V_{k_{p}}^{\mu\nu}$	10d common (3" x 0.148") nail or 8d deformed (27," x 0.120") nail	6	12

For SE 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s, 1 Ksi = 6.895 MPa. a. All mails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum. average bending yield strengths as shown. 80 km for shark diameters of 0.192 inch (201 common nail), 90 ksi for shark diameters larger than 0.142 inch that not larger than 0.177 inch, and 100 km for shark diameters of 0.142 inch or less.

b. Staples are 16 gape wire and have a minimum  $V_{ik}$ -inch on diameter crown width.

r. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater. d. Four-foot by 8-foot or 4-foot by 9-foot panels shall be applied vertically.

e. Spacing of fasteners not included in this table shall be based on Table R602.3(2).

f. For regims having basic wind spred of 110 mph or greater, 8d deformed (27, \* x 0,120) nails shall be used for attaching plywood and wood structural panel noof sheathing to framing within minimum 48-inch distance from gable end walls, if mean noof height is more than 25 feet, up to 35 feet movimum. g. For regions having basic wind speed of 100 mph or less, nulls for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6 inches on center. When basic wind speed is genater than 100 mph, sails for attaching panel noof sheathing to intermediate supports shall be spaced 6 inches on center for minimum 48 such dutance from ridges, eaves and gable end walls; and 4 inches on center to gable end wall framing.

h. Gypsum sheathing shall conform to ASTM C 1396 and shall be installed in accordance with GA 253. Fibesboard sheathing shall conform to ASTM C 208. i. Spacing of fasteners on floor shrathing punel edges applies to panel edges supported by framing members and required blocking and at all floor perimeters

only. Spacing of fasteners on most sheathing panel edges applies to panel edges supported by framing members and required blocking. Blocking of root or floor sheathing punel edges perpendicular to the framing members need not be provided except as required by other provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.

. Where a rafter is fastened to an adjacent parallel colling joint in accordance with this schedule, provide two see nails on one side of the rafter and toe nails from the ceiling joist to top plate in accordance with this schedule. The toe nail on the opposite side of the rafter shall not be required.

2013 CALIFORNIA RESIDENTIAL CODE

- ATTACH NEW ROOF RAFTER TO EXIST. RAFTER W/ FASTENERS SPECIFIED IN FASTENER SCHEDULE



200

NEW RAFTER ATTACH TO EXIST. RAFTER DETAIL SCALE: 1" = 1'-0"

WALL	CONSTR	UCTION

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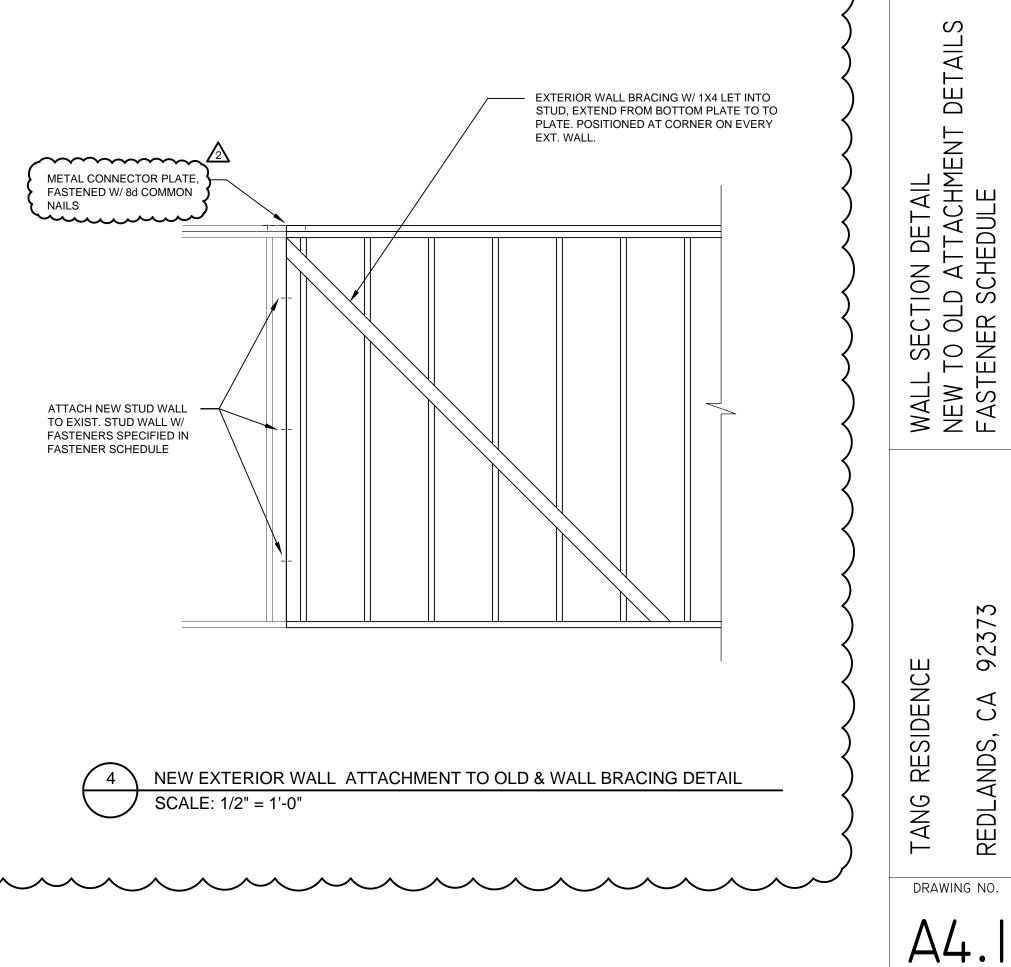
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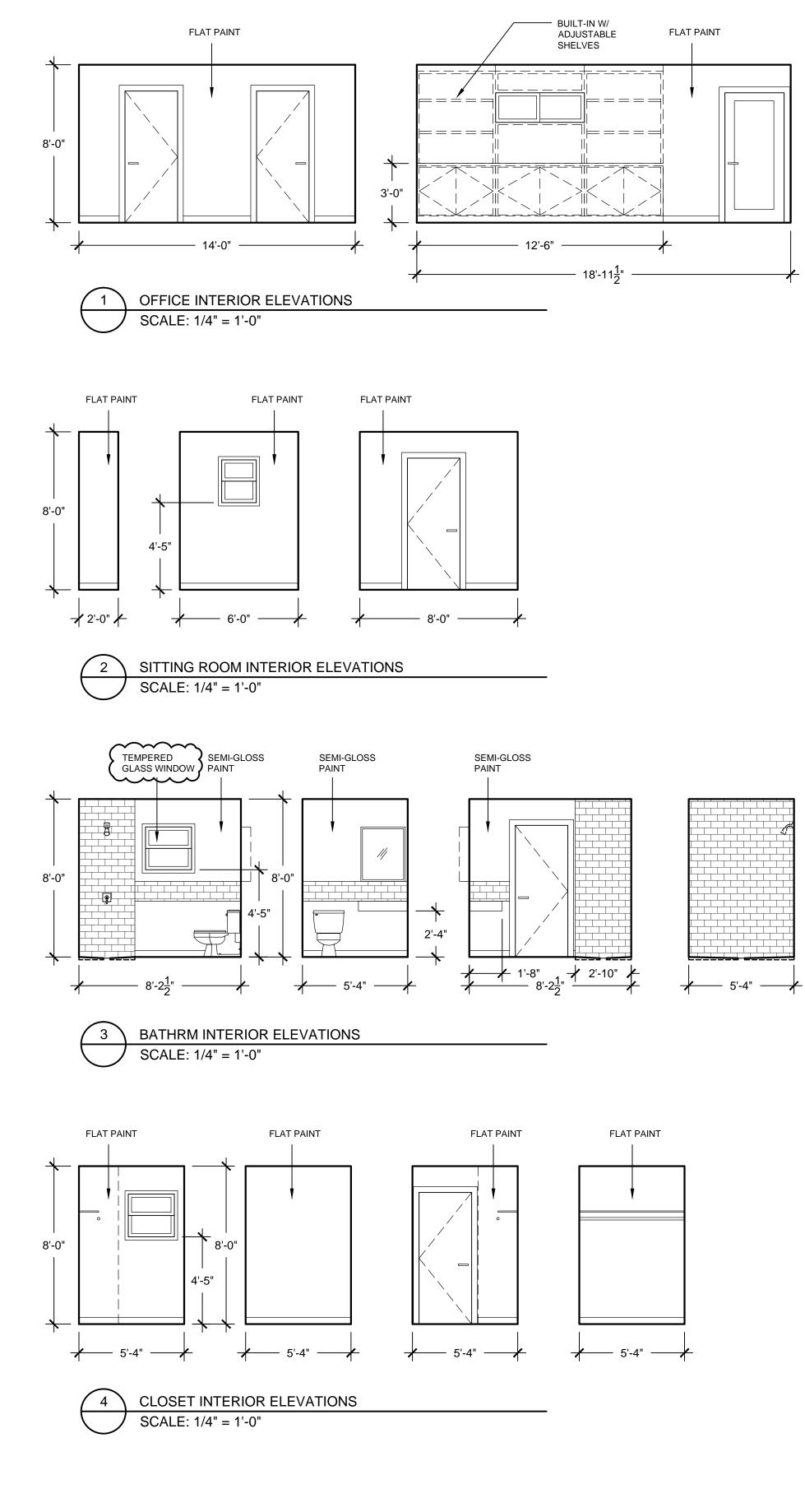
SHT5 OF 9

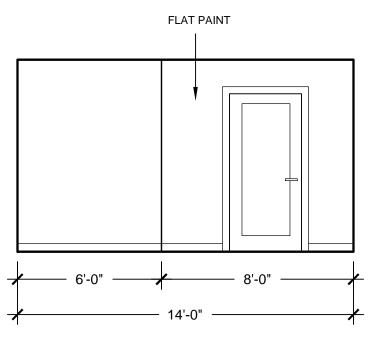
NOMINAL MATERIAL THICKNESS	DESCRIPTION <sup>4,6</sup> OF FASTENER AND LENGTH	SPACING' OF FASTENERS		
(Inches)	(inches)	Edges (Inches)	Intermediate suppo (Inches)	
Wood structural panels	s subfloor, roof* and wall sheathing to framing and particleboard wa	ill sheathing to fre	iming'	
	Staple 15 gas 1 <sup>1</sup> / <sub>4</sub>	4	8	
Up to 3/2	0.097 - 0.099 Nail 2 <sup>1</sup> / <sub>4</sub>	3	6	
	Staple 16 ga. 1 <sup>3</sup> / <sub>a</sub>	3	6	
1	0.113 Nail 2	3	6	
"7 <sub>33</sub> and "/e	Staple 15 and 16 ga, 2	4	8	
	0.097 - 0.099 Nail 2 <sup>1</sup> / <sub>4</sub>	-4	8	
	Staple 14 ga. 2	4	8	
21/ and 1/.	Staple 15 gm. 1 <sup>1</sup> / <sub>4</sub>	3	6	
7 <u>11</u> 400 7.	0.097 - 0.099 Nail 27,	4	8	
	Staple 16 ga. 2	4	8	
	Staple 14 ga. 21/a	4	8	
1	0.113 Nail 21/,	3	6	
1	Staple 15 ga. 21/	4	8	
	0.097 - 0.099 Nail 21/2	4	8	
NOMINAL MATERIAL THICKNESS	DESCRIPTION" OF FASTENER AND LENGTH	SPACINO	OF FASTENERS	
(inches)	(inches)	Edges (inches)	Body of panel" (Inches)	
	Floor underlayment; plywooid-haraboard-particlebeard'			
	Plywood			
Va and Va	19 <sup>1</sup> , ring or screw shank null-minimum 12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter	3	6	
and the second sec	Staple 18 ga., 74, 94m crown width	2	5	
	11/, ring or screw shank nail-minimum	063	80	
$^{\prime\prime} V_{32}, ^{\prime} V_{3}, ^{\prime\prime} V_{32}, \text{ and } ^{\prime} V_{4}$	12 <sup>1</sup> / <sub>2</sub> ga. (0.099") shank diameter	(MC)		
$^{11}V_{32}, ^{12}V_{4}, ^{12}V_{32}, \text{and } ^{12}V_{4}$ $^{12}V_{33}, ^{12}V_{43}, ^{12}V_{33} \text{ and } ^{12}V_{4}$	12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter 1 <sup>1</sup> / <sub>2</sub> ring or screw shank nail-minimum 12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter	6	8	
	121/2 ga. (0.0991') shank diameter 11/2 ring or screw shank nail-minimum			
	12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter 1 <sup>1</sup> / <sub>2</sub> ring or screw shank nail-minimum 12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter	6	8	
$^{10} Y_{\rm M}, ^{2} J_{\rm H}, ^{20} J_{\rm M}$ and $^{10} Y_{\rm A}$	12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter 1 <sup>1</sup> / <sub>2</sub> ring or screw shank nail-minimum 12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1</sup> / <sub>2</sub> Hardboord <sup>6</sup> 1 <sup>1</sup> / <sub>2</sub> long ring-grooved underlayment nail	6 6 6	8	
	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboord <sup>6</sup> 1 <sup>1/2</sup> long ring-grooved underlayment nail 4d cement-coated sinker nail	6 6 6 6	8	
$^{10} Y_{\rm M}, ^{2} J_{\rm H}, ^{20} J_{\rm M}$ and $^{10} Y_{\rm A}$	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboard <sup>6</sup> 1 <sup>1/2</sup> long ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1/2</sup> long (plastic coated)	6 6 6	8	
$^{10} Y_{\rm M}, ^{2} J_{\rm H}, ^{20} J_{\rm M}$ and $^{10} Y_{\rm A}$	12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter 1 <sup>1</sup> / <sub>2</sub> ring or screw shank nail-minimum 12 <sup>1</sup> / <sub>2</sub> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1</sup> / <sub>2</sub> Hardboard 1 <sup>1</sup> / <sub>1</sub> long ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1</sup> / <sub>8</sub> long (plastic coated) Particleboard	6 6 6 3	8 8 6 6	
<sup>19</sup> γ <sub>40</sub> , γ <sub>40</sub> , <sup>29</sup> γ <sub>33</sub> and γ <sub>4</sub> 0.200	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboord <sup>6</sup> 1 <sup>1/2</sup> long ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1/2</sup> slong (plastic coated) Particletoard 4d ring-grooved underlayment nail	6 6 6 6	8 8 6 6	
$^{10} Y_{\rm M}, ^{2} J_{\rm H}, ^{20} J_{\rm M}$ and $^{10} Y_{\rm A}$	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboord <sup>6</sup> 1 <sup>1/2</sup> rlong ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1</sup> / <sub>4</sub> long (plastic coated) Particleboard 4d ring-grooved underlayment nail Staple 18 ga., <sup>1</sup> / <sub>4</sub> long, <sup>1</sup> / <sub>46</sub> crown	6 6 6 3	8 8 6 6 6	
"7 <sub>40</sub> , "7 <sub>40</sub> , "7 <sub>30</sub> and "7 <sub>4</sub> 0.200	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboord <sup>6</sup> 1 <sup>1/2</sup> long ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1/2</sup> slong (plastic coated) Particletoard 4d ring-grooved underlayment nail	6 6 6 3 3	8 8 6 6 6 6	
<sup>19</sup> γ <sub>40</sub> , γ <sub>40</sub> , <sup>29</sup> γ <sub>33</sub> and γ <sub>4</sub> 0.200	12 <sup>1/2</sup> ga. (0.099°) shank diameter 1 <sup>1/2</sup> ring or screw shank nail-minimum 12 <sup>1/2</sup> ga. (0.099°) shank diameter Staple 16 ga. 1 <sup>1/2</sup> Hardboord <sup>6</sup> 1 <sup>1/2</sup> rlong ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., <sup>1</sup> / <sub>4</sub> long (plastic coated) Particleboard 4d ring-grooved underlayment nail Staple 18 ga., <sup>1</sup> / <sub>4</sub> long, <sup>1</sup> / <sub>46</sub> crown	6 6 6 3 3 3	8 8 6 6 6 6 6 6	
"7 <sub>40</sub> , "7 <sub>40</sub> , "7 <sub>30</sub> and "7 <sub>4</sub> 0.200	121/2 ga. (0.0997) shank diameter 11/2 ring or screw shank nail-minimum 121/2 ga. (0.0997) shank diameter Staple 16 ga. 11/2 Hardboord 11/2 long ring-grooved underlayment nail 4d cement-coated sinker nail Staple 18 ga., 7/2 long (plastic coated) Particleboard 4d ring-grooved underlayment nail Staple 18 ga., 7/2 long, 7/26 crown 6d ring-grooved underlayment nail	6 6 6 3 3 3 6	8 8 6 6 6 6 6 6 10	

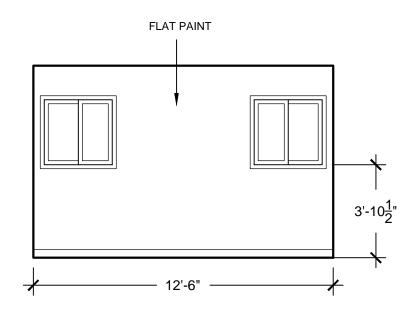
sheathing to gable end wall framing shall be installed using the spacing listed for panel edges.

2013 CALIFORNIA RESIDENTIAL CODE







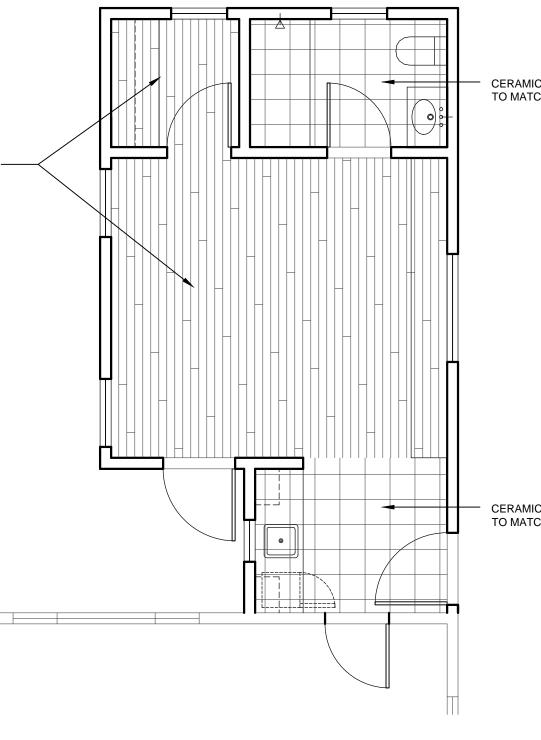


WOOD FLOOR TO -MATCH EXISTING



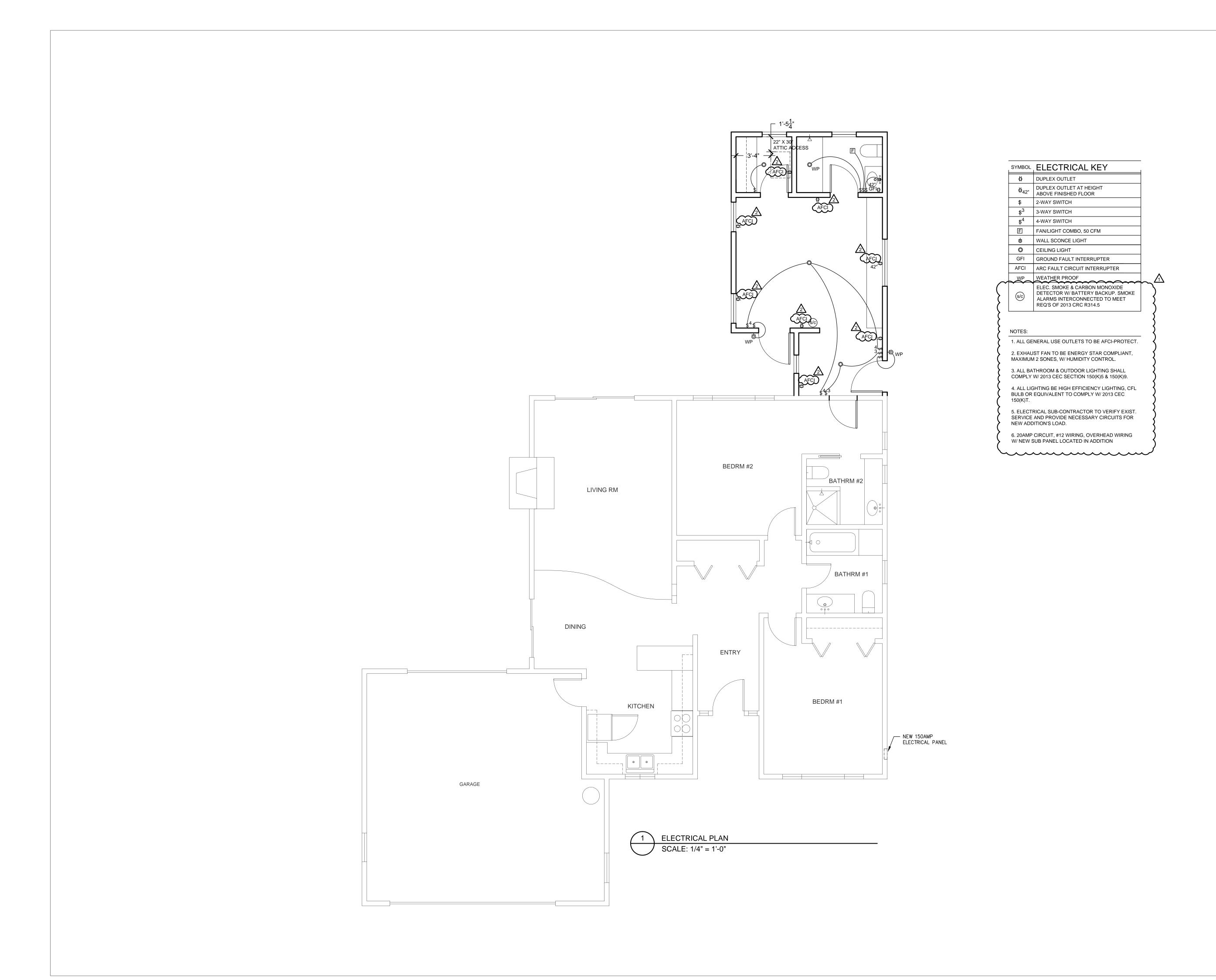
SCALE: 1/4" = 1'-0"

			9	9	
			PERMIT REVISION 08/24/16	PERMIT REVISION 05/31/16	REVISION DATE
DATE PROJECT NO.	08/24/16 TANG	SCALE DWG.	1/4" = 1'-0" PERMIT SET 2	DRAWN BY CHECKED BY I	PSN NO.
	FLOOR FINISHES &	TIONS	/		
	I TANG RESIDENCE	ΔWI		REDLANDS, CA 92373	
	Д		).	(	)

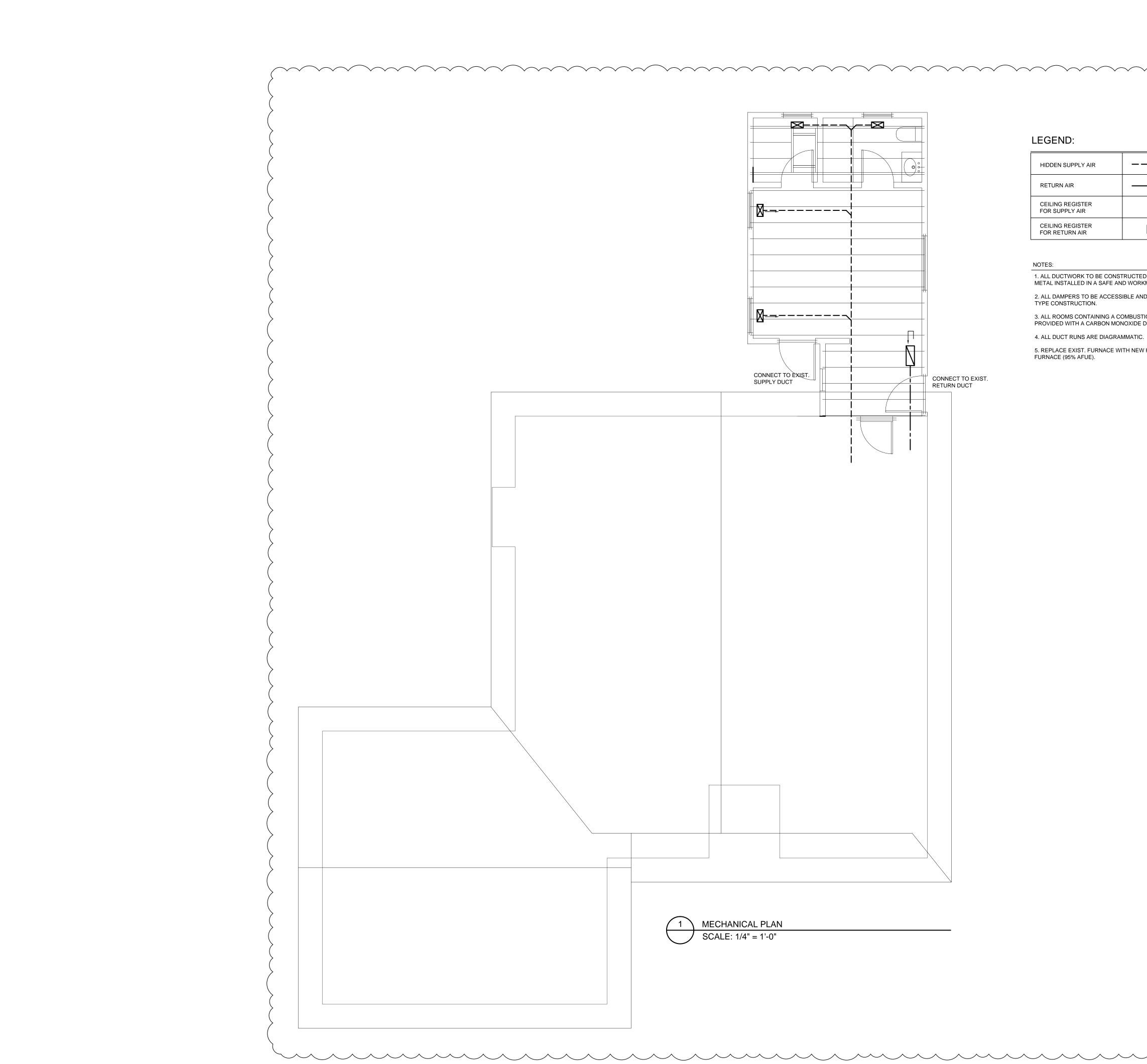


CERAMIC TILE TO MATCH EXISTING

CERAMIC TILE TO MATCH EXISTING home



			08/24/16	05/31/16	DATE
			2 PERMIT REVISION	PERMIT REVISION	. REVISION
DATE PROJECT NO.	08/24/16 TANG	SCALE DWG.	1/4" = 1'-0" PERMIT SET 2	DRAWN BY CHECKED BY I	PSN PSN
	ELECTRICAL PLAN				
		<b>△</b> ₩I <b>2  </b> <b>1  </b>	NG	С	



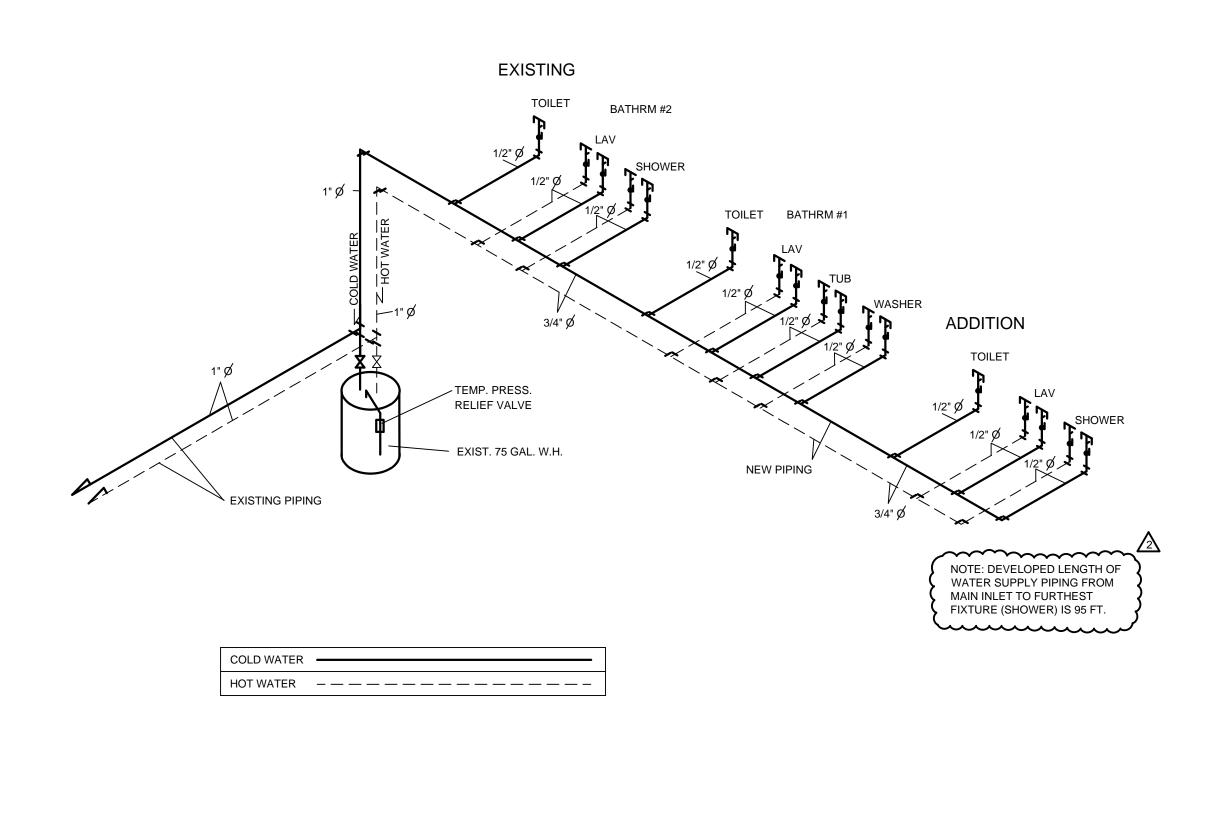
## LEGEND:

HIDDEN SUPPLY AIR	
RETURN AIR	
CEILING REGISTER FOR SUPPLY AIR	
CEILING REGISTER FOR RETURN AIR	

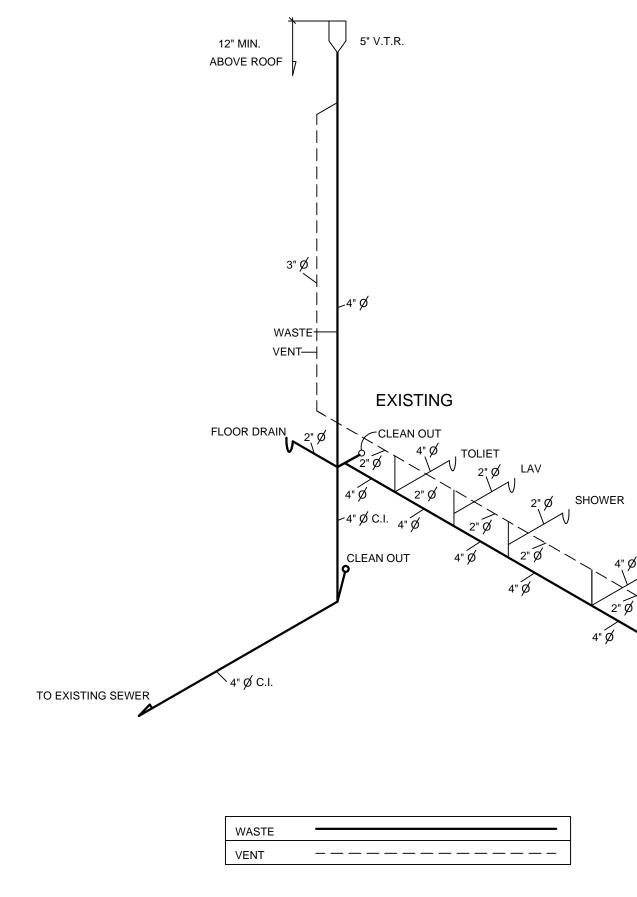
#### NOTES:

1. ALL DUCTWORK TO BE CONSTRUCTED METAL INSTALLED IN A SAFE AND WORK 2. ALL DAMPERS TO BE ACCESSIBLE AND TYPE CONSTRUCTION. 3. ALL ROOMS CONTAINING A COMBUSTIO PROVIDED WITH A CARBON MONOXIDE D 4. ALL DUCT RUNS ARE DIAGRAMMATIC. 5. REPLACE EXIST. FURNACE WITH NEW F FURNACE (95% AFUE).

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	$\left  \begin{array}{c} 1 \\ \end{array} \right $				
6X12					
O OF GALVANIZED SHEET MAN LIKE MANNER.					
D OF LOCKING HANDLE ION FURNACE SHALL BE DETCTOR.				08/24/16	05/31/16 DATE
HIGH EFFICIENCY					
				PERMIT REVISION	PERMIT REVISION REVISION
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			SHT	8 OF	9 9









2 WASTE & VENT RISER DIAGRAM P1.0 NO SCALE

#### PLUMBING FIXTURE SCHEDULE

50011			FIXTU	RE		
ROOM	QTY.	TYPE	MANUFACTURER	CATALOG NUMBER	FINISH	REMARKS
	1	TOILET	KOHLER			OR EQUAL
BATH RM	1	LAVATORY	KOHLER			OR EQUAL
	1	SHOWER FAUCET	KOHLER			OR EQUAL
TOTALS	2					

TOTALS 3

#### PLUMBING NOTES

- -----ALL COPPER WASTE/VENT TO BE "M" TYPE
- ALL COPPER ABOVE GROUND TO BE "L" TYPE
- ALL COPPER BELOW GROUND TO BE "K" TYPE
- ALL COPPER FITTINGS TO BE FORAGED WITH NO LEAD SOLDER/FLUX
- ALL PVC TO BE SCH. 40 TO MEET CODE
- ALL PVC FITTINGS TO BE DWV WITH
- PURPLE PRIMER AND CLEAR PVC CEMENT
- 24" AIR CHAMBERS ON ALL MAIN WATER RISERS
- 12" AIR CHAMBERS ON ALL FIXTURES SHUT OFF STOPS ON ALL FIXTURES

TOILET WASHER ADDITION TOILE SHOWER CLEAN OUT

	RESIDENCE PLUMBING DIAGRAM			CA 92373	
DATE PROJECT NO.	08/24/16 TANG	SCALE DWG.	AS NOTED PERMIT SET	DRAWN BY CHECKED BY	PSN
			T SET 2	_	NO.
			PERMIT REVISION	PERMIT REVISION	REVISION
			08/24/16	05/31/16	DATE