







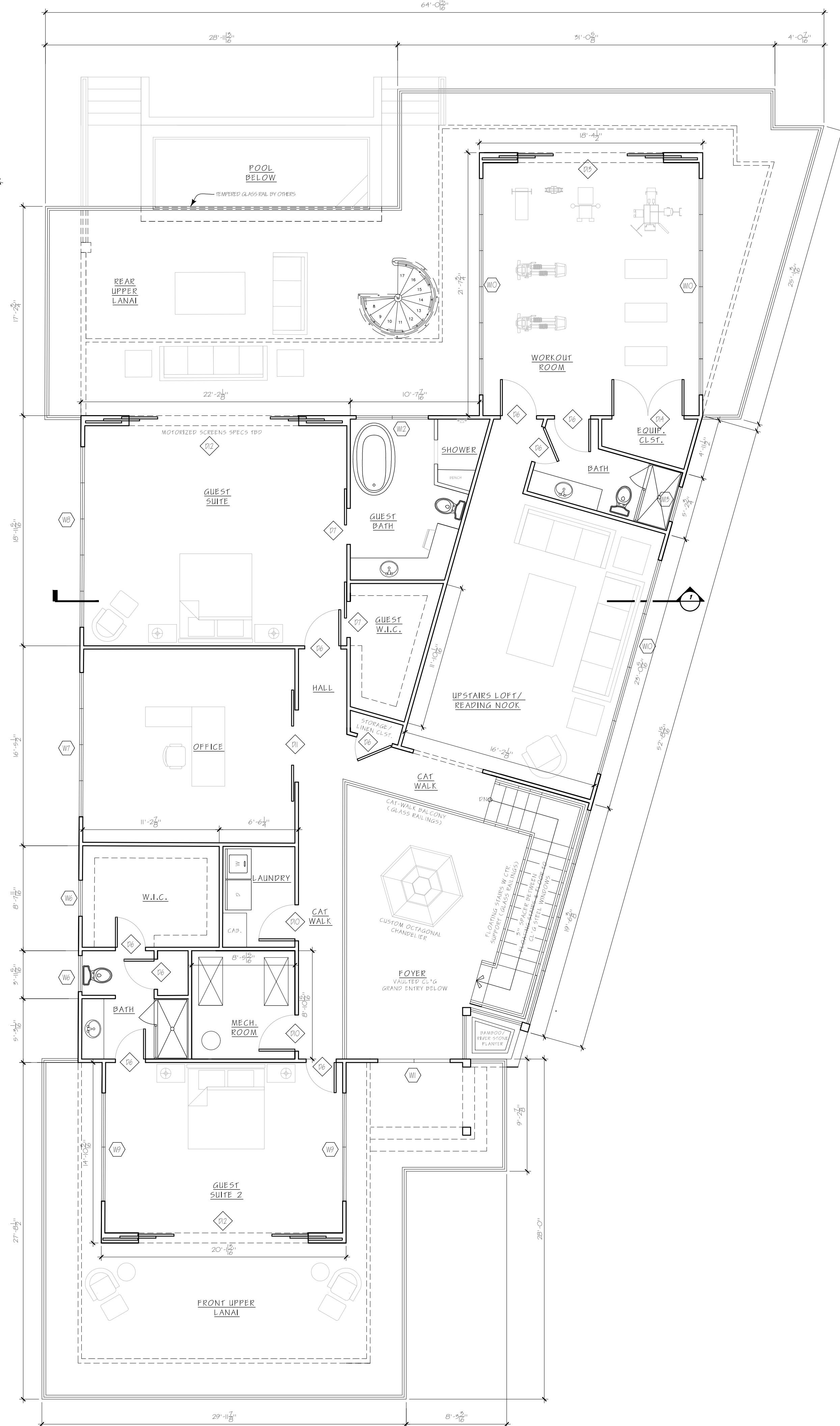
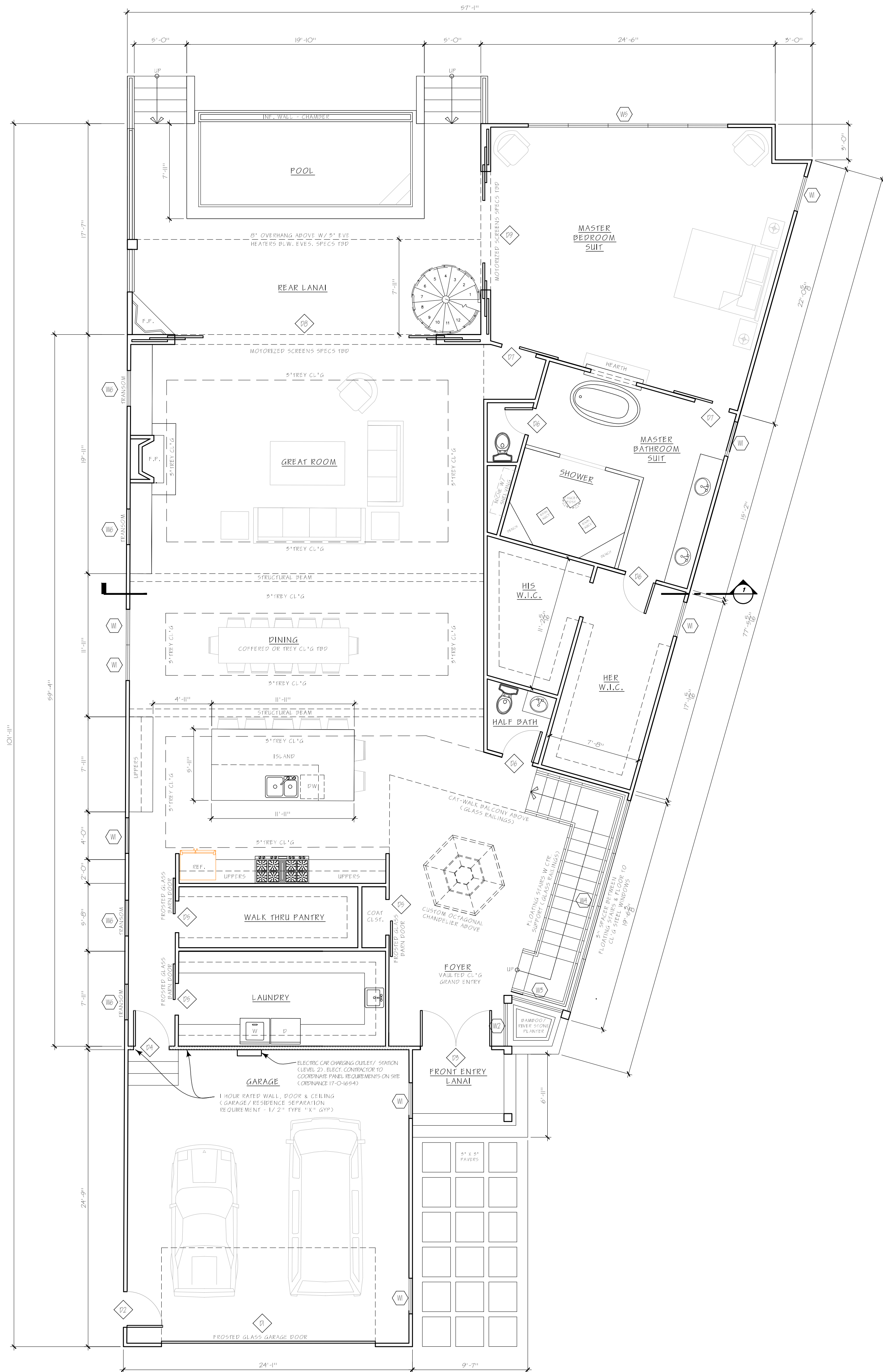
DRAWINGS BY:  
BONSAI DESIGN



ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019  
SHEET TITLE:  
PROPOSED  
FLOOR PLANS  
---

A.I





DRAWINGS BY:  
BONSAI DESIGN



ROBERT HENDRICKS  
770-335-3586

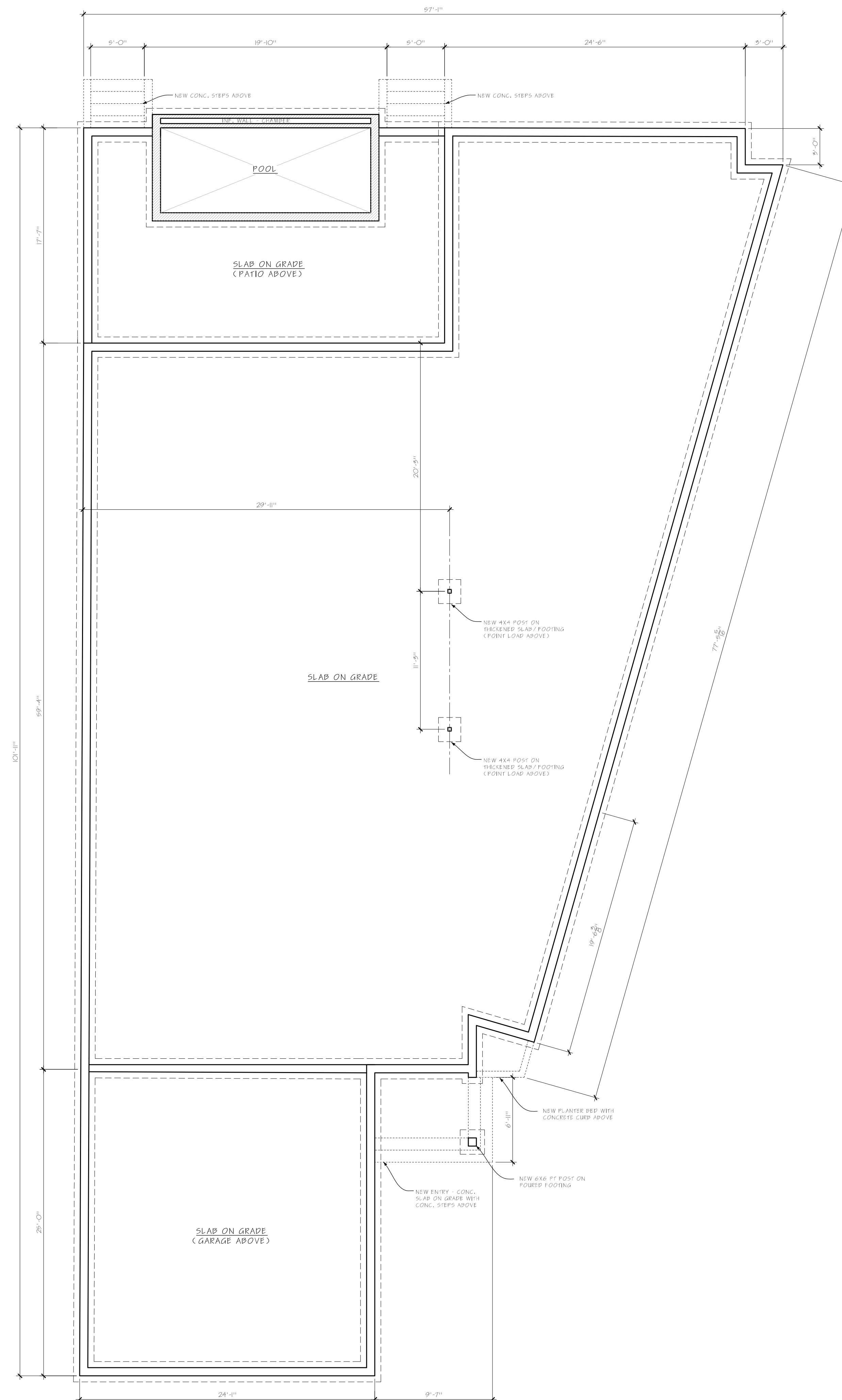
RELEASED FOR  
CONSTRUCTION

DECEMBER 3, 2019

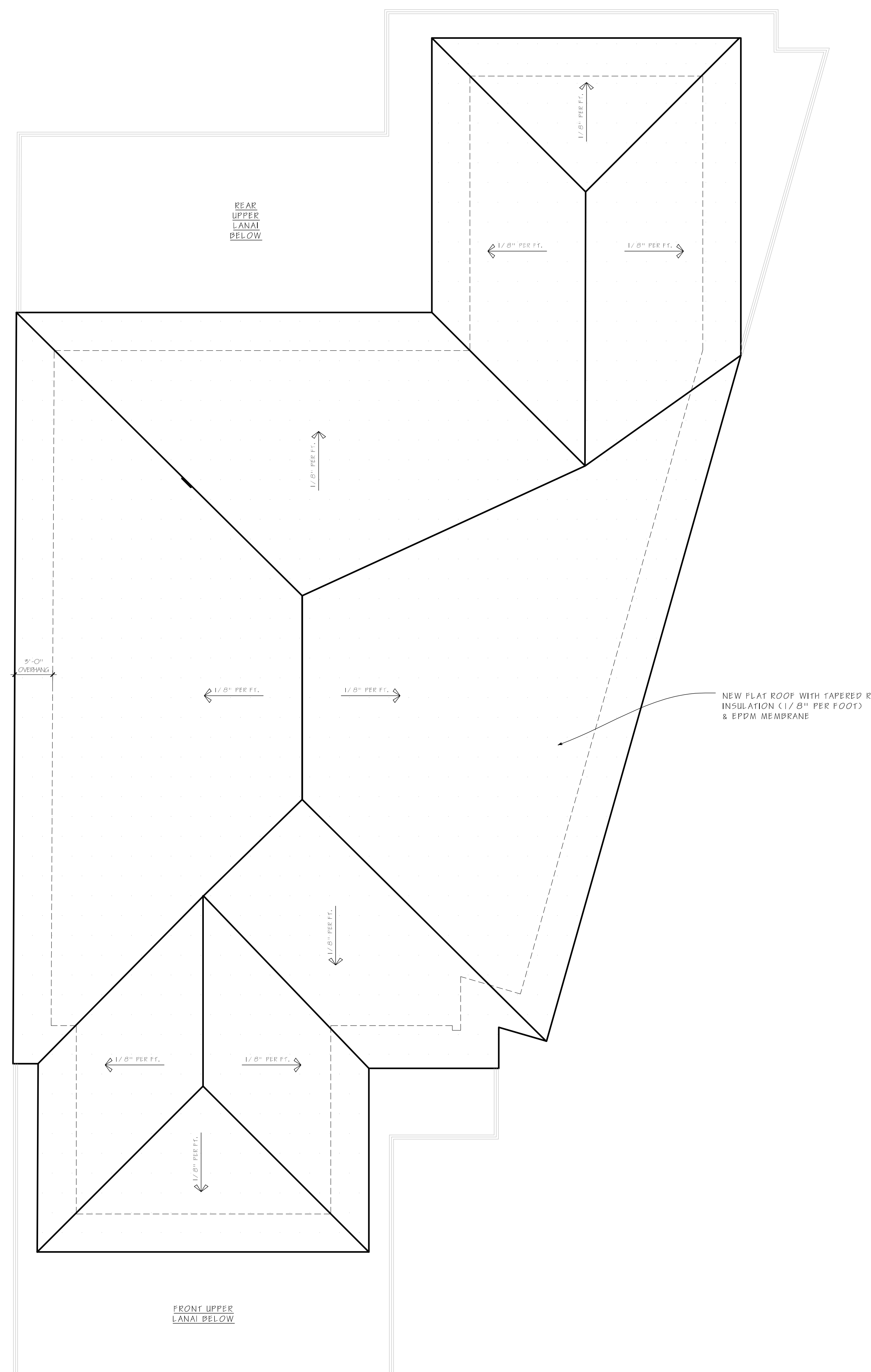
SHEET TITLE:

# PROPOSED FOUNDATION & ROOF PLAN

A.2

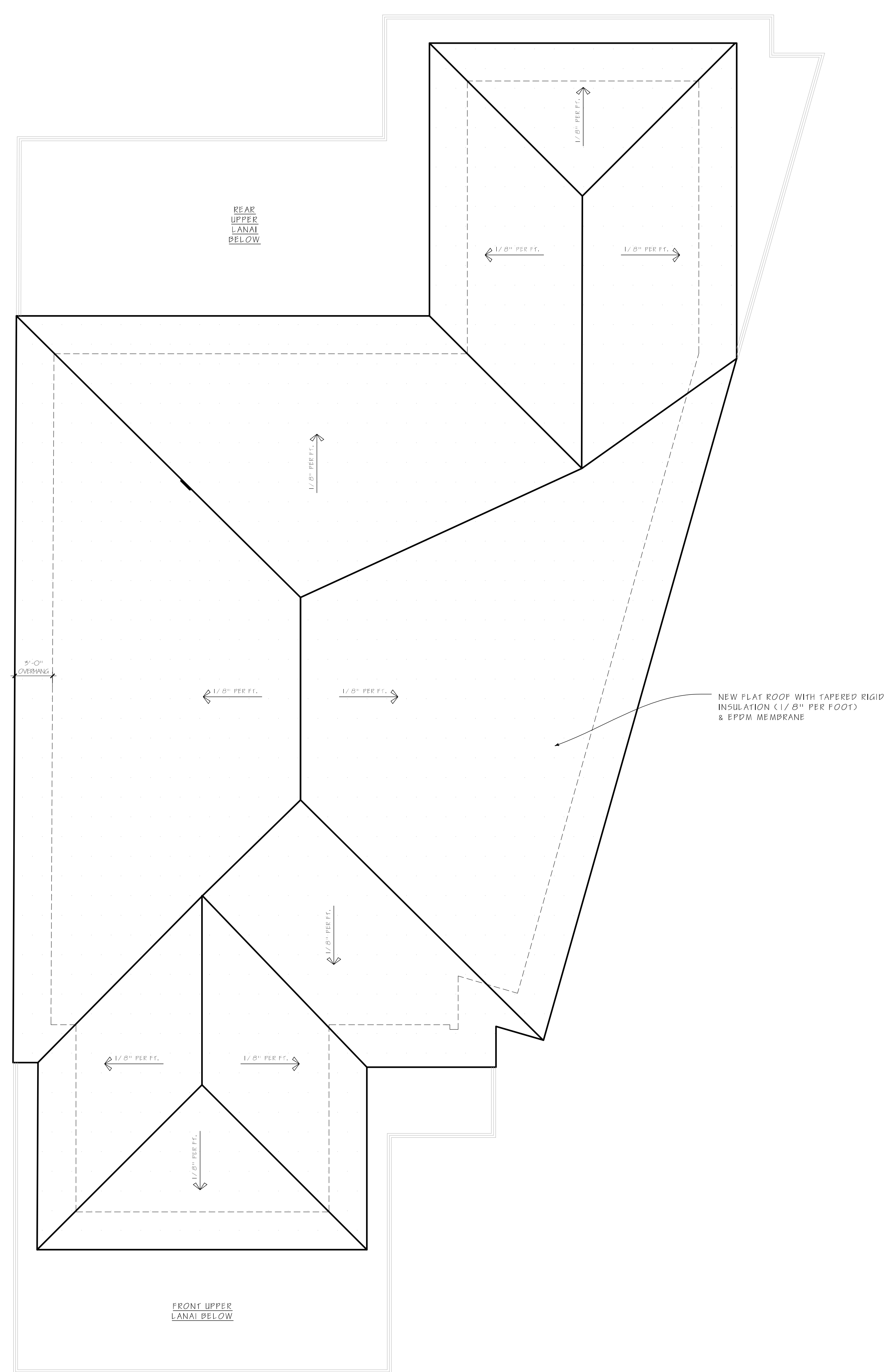
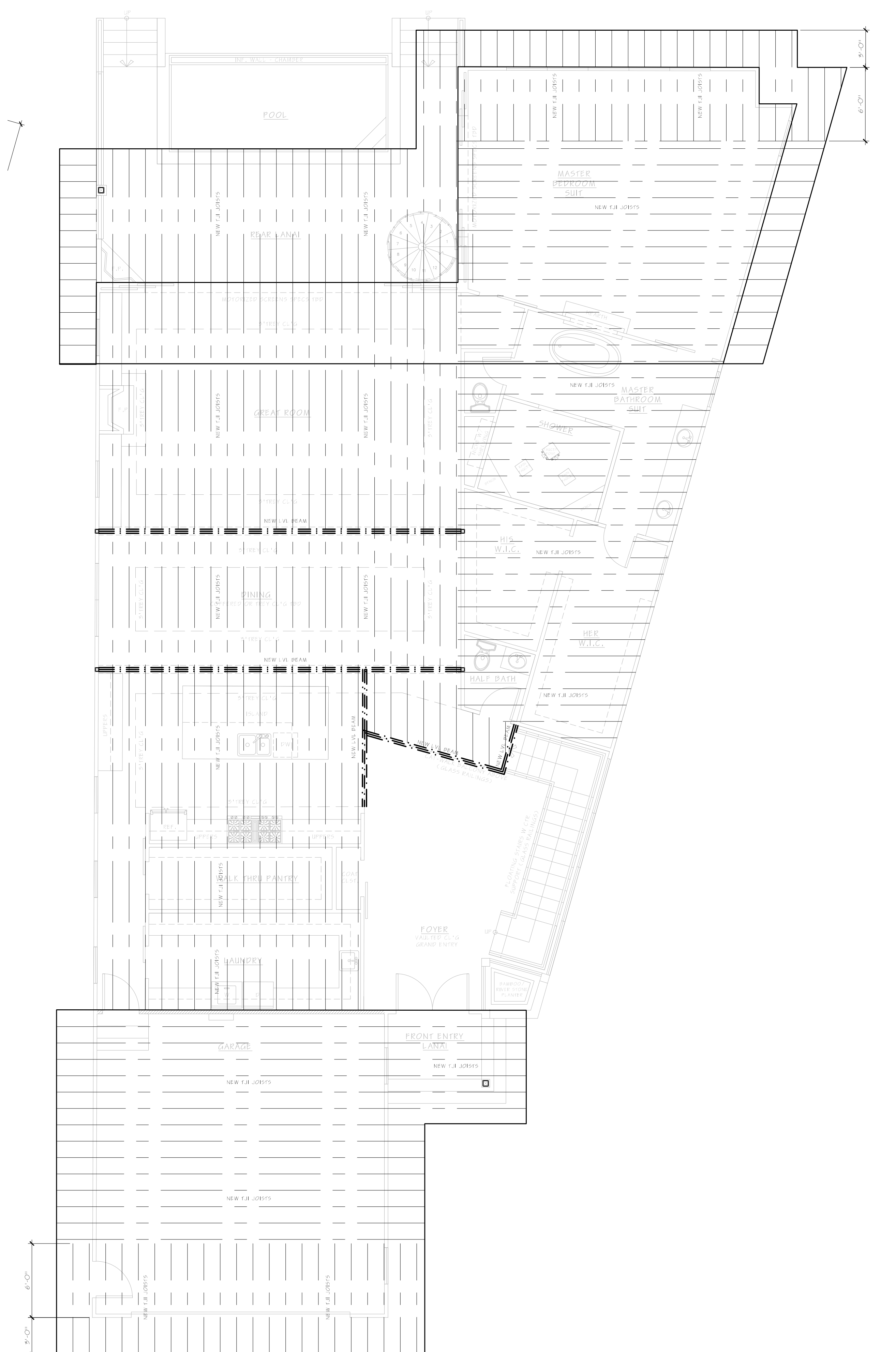


PROPOSED FOUNDATION PLAN  
SCALE: 3/16" = 1' - 0"



2 PROPOSED ROOF PLAN  
SCALE: 3/16" = 1' - 0"





1 PROPOSED MAIN FLOOR CLG FRAMING PLAN  
SCALE: 3/16" = 1' - 0"

2 PROPOSED ROOF PLAN  
SCALE: 3/16" = 1' - 0"

ENGINEER STAMP & SEAL:



DRAWINGS BY:  
BONSAI DESIGN



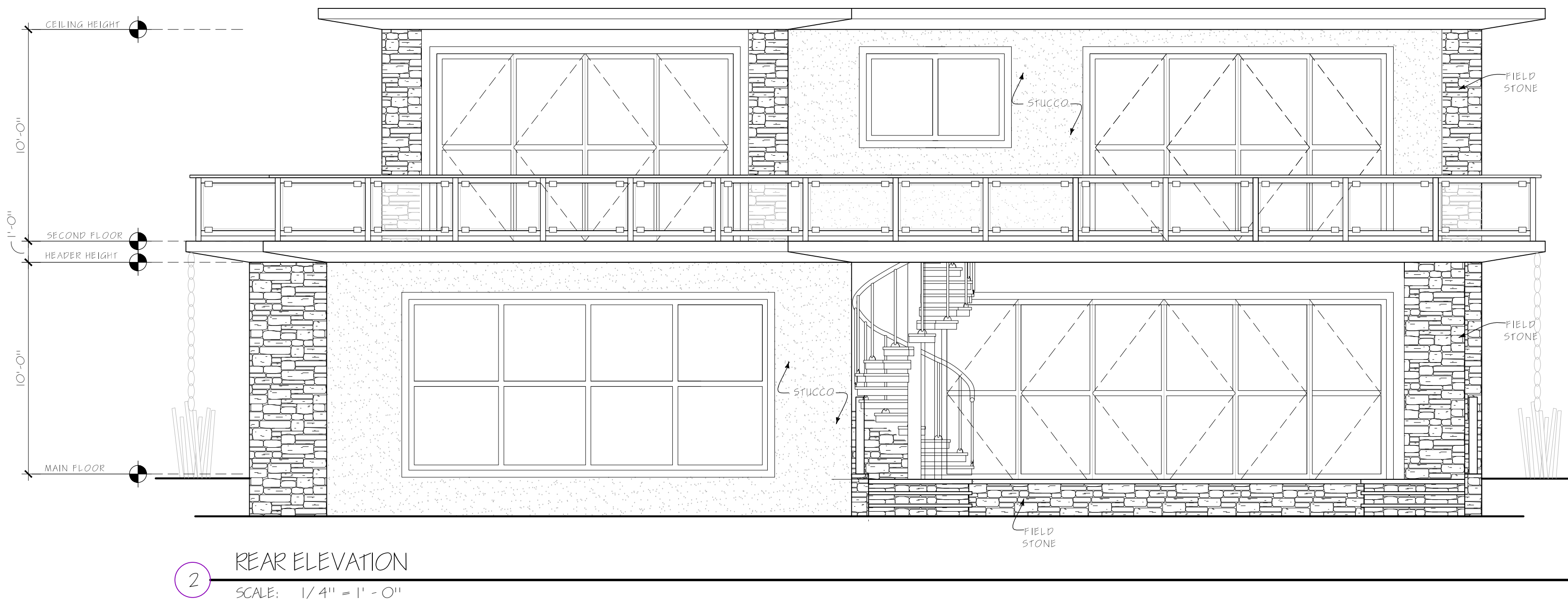
ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019  
SHEET TITLE:  
PROPOSED  
FOUNDATION &  
ROOF PLAN

A.2



DRAWINGS BY:  
BONSAI DESIGN



ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019

SHEET TITLE:

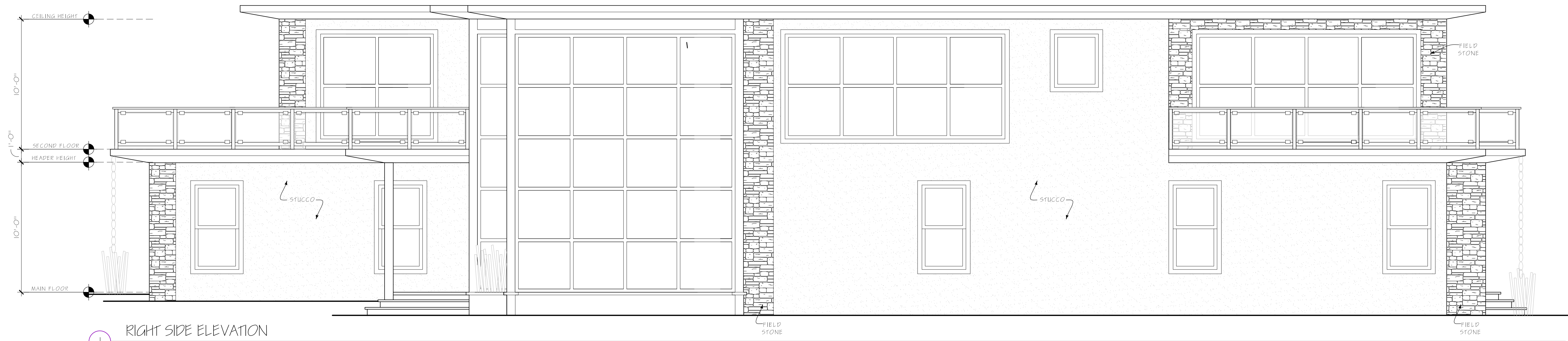
PROPOSED  
EXTERIOR ELEVATIONS

A.3



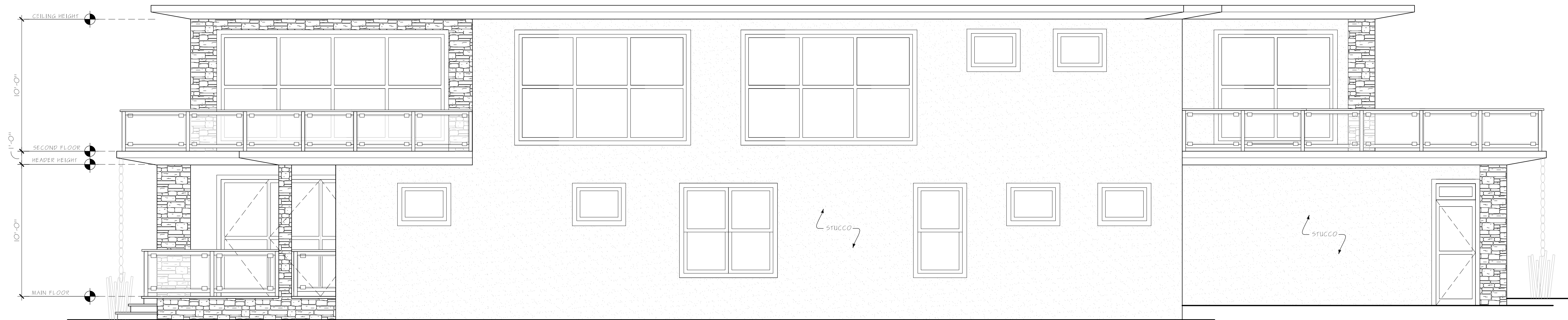


DRAWINGS BY:  
BONSAI DESIGN



RIGHT SIDE ELEVATION

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



LEFT SIDE ELEVATION

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

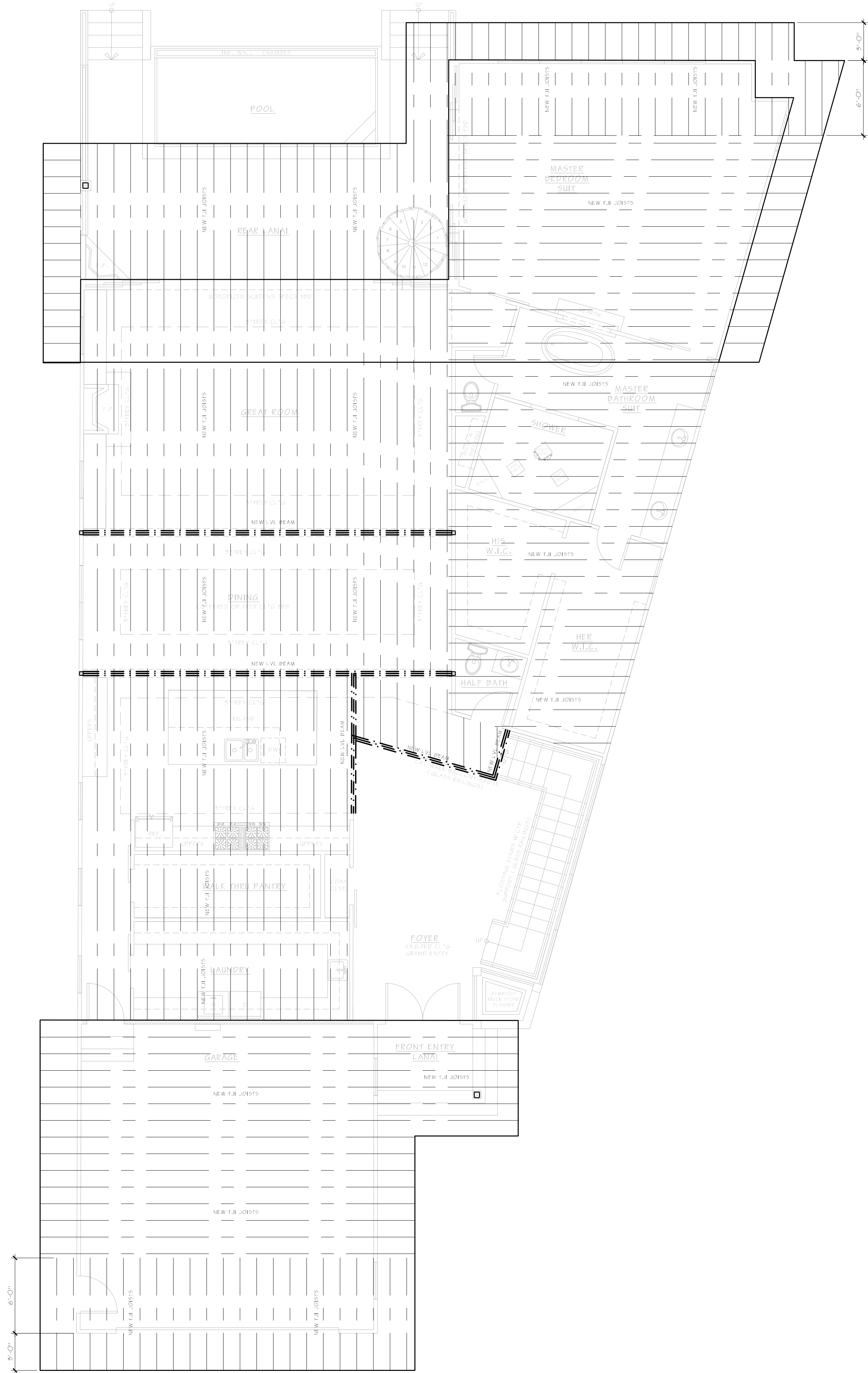
ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019

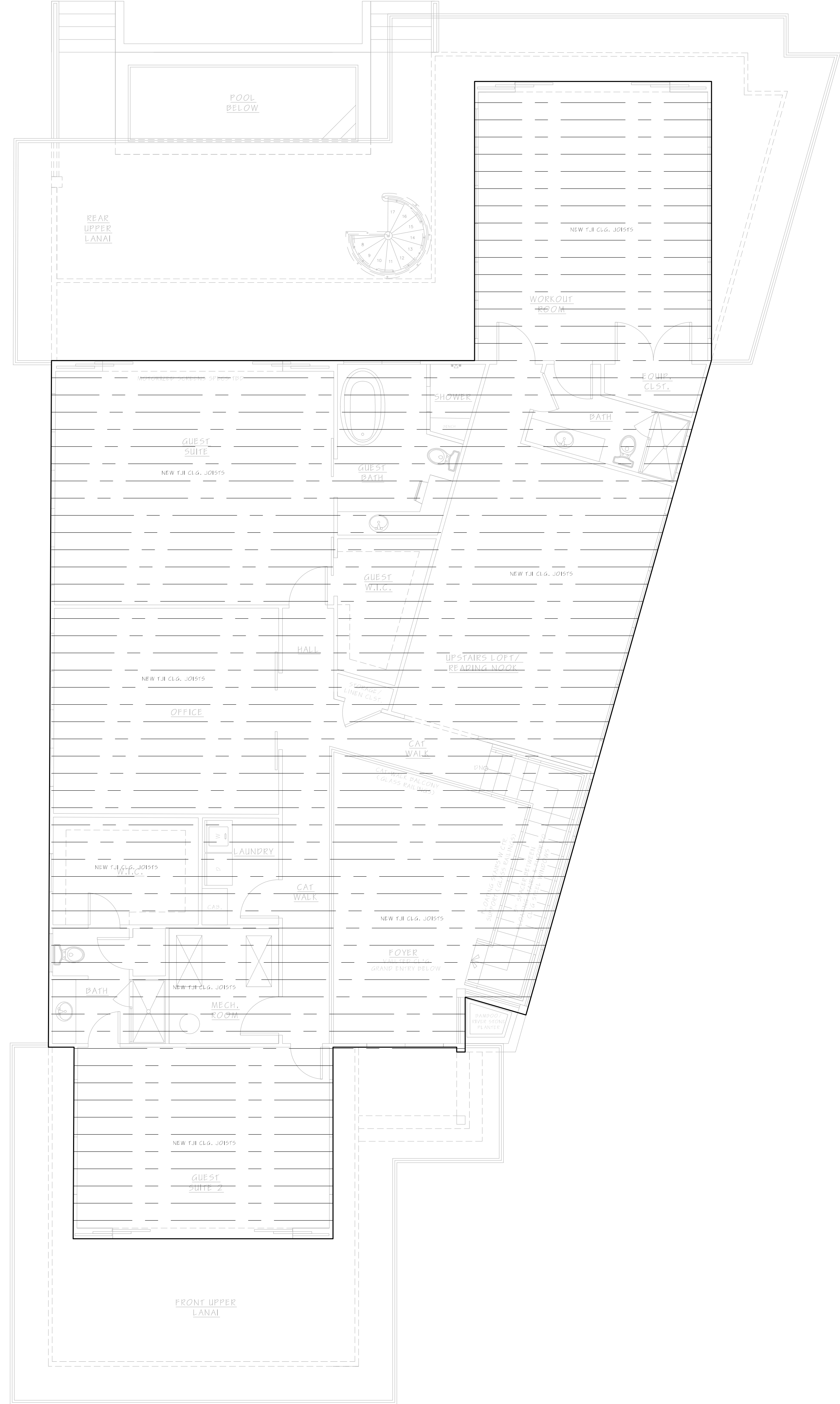
SHEET TITLE:

PROPOSED  
EXTERIOR ELEVATIONS

A.4



1 PROPOSED MAIN FLOOR CLG FRAMING PLAN  
SCALE: 3/16" = 1' - 0"



1 PROPOSED SECOND FLOOR CLG FRAMING PLAN  
SCALE: 3/16" = 1' - 0"

ENGINEER STAMP & SEAL:



DRAWINGS BY:  
BONSAI DESIGN



ROBERT HENDRICKS  
770-335-3586

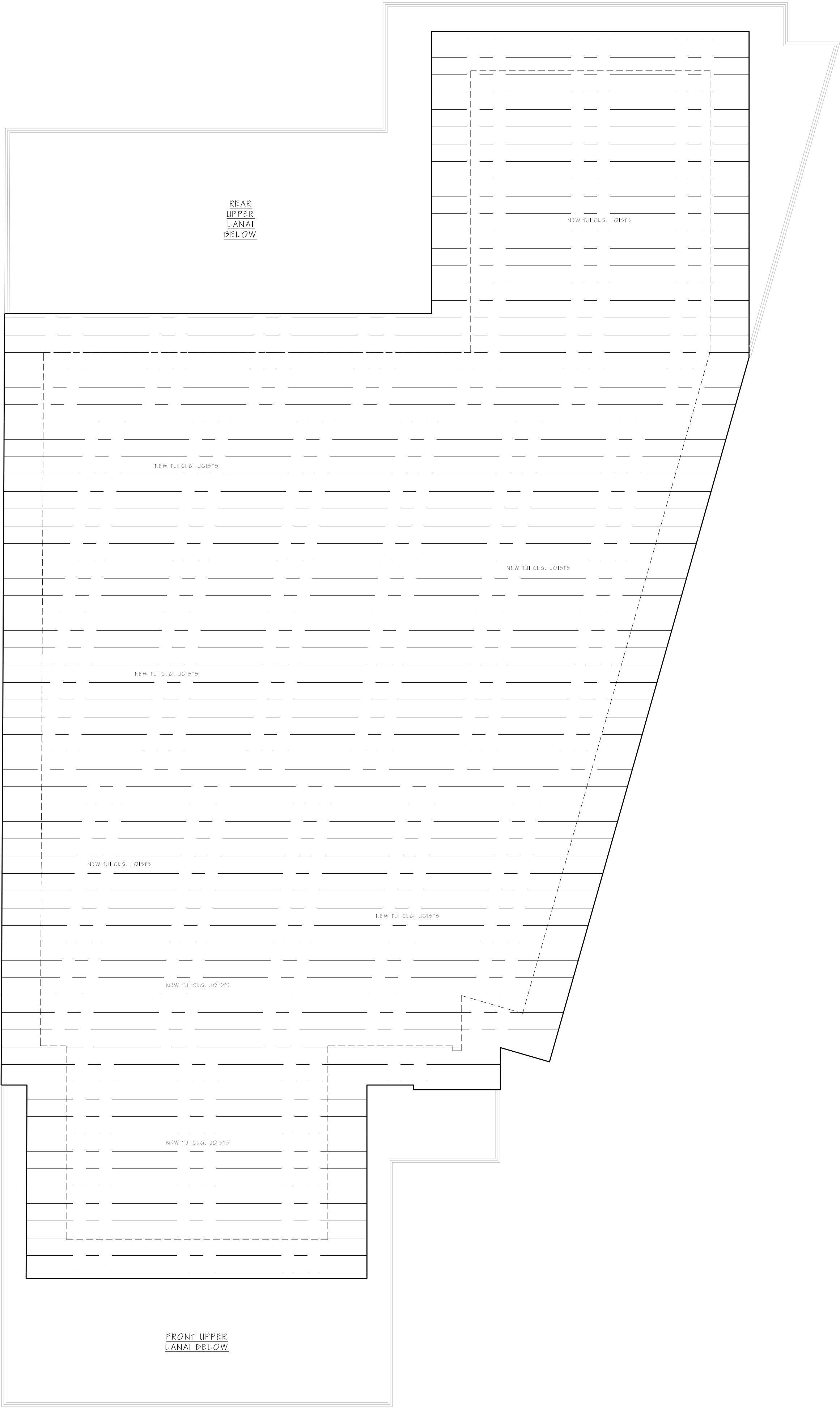
RELEASED FOR  
CONSTRUCTION

DECEMBER 3, 2019

SHEET TITLE:  
PROPOSED  
FRAMING PLANS

A.5





1 PROPOSED ROOF FRAMING PLAN  
SCALE: 3/16" = 1' - 0"

ENGINEER STAMP & SEAL:



DRAWINGS BY:  
BONSAI DESIGN



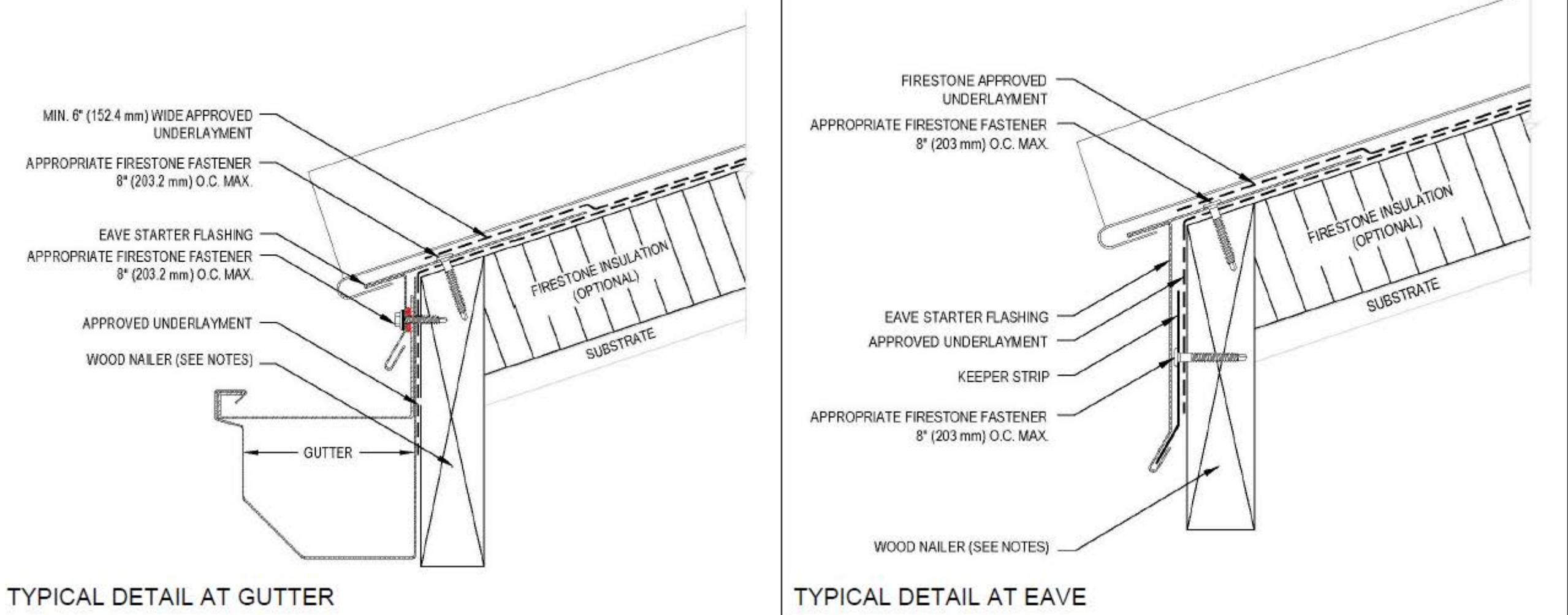
ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019  
SHEET TITLE:  
PROPOSED  
FRAMING PLANS

A.6



TYPICAL FIRESTONE EPDM MEMBRANE ROOFING DETAILS



ENGINEER DATA

WIND DESIGN:

BASIC WIND SPEED, ULTIMATE 115 MPH  
BASIC WIND SPEED, SERVICE 90 MPH  
ENCLOSURE CLASSIFICATION ENCLOSED BUILDING  
EXPOSURE C  
RISK CATEGORY II  
INTERNAL PRESSURE COEFFICIENT + 0.18

COMPONENTS & CLADDING

AREA SQ. FT	ZONE 1	ZONE 2	ZONE 3	ZONE 1, 2 & 3
10.00	-28.8	-48.4	-72.8	+16.0
20.00	-28.1	-43.2	-60.3	+16.0
50.00	-27.1	-36.4	-43.8	+16.0
100.00	-26.4	-31.3	-31.3	+16.0

AREA SQ. FT	WALLS (GROSS, PSF)	ZONE 4	ZONE 5	ZONE 4 & 5
10.00	-28.6	-35.2	+26.4	
20.00	-27.4	-32.8	+29.2	
50.00	-25.9	-29.7	+23.7	
100.00	-24.7	-27.4	+22.5	

EDGE DISTANCE, a = 3.2 FT.

SEISMIC DESIGN:

RISK CATEGORY II  
SITE CLASS C  
IMPORTANCE FACTOR 1.00  
SPECIAL RESPONSE ACCELERATION  $S_s = 0.1798$   
 $S_1 = 0.0899$   
 $S_2 = 0.1918$   
 $S_3 = 0.1428$   
SEISMIC RESPONSE COEFFICIENTS  
SEISMIC DESIGN CATEGORY B  
RESPONSE MODIFICATION FACTOR (R) (INTERMEDIATE REINFORCED MASONRY SHEAR WALLS)  
6.5 (LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS)

SOIL BEARING CAPACITY

1500 PSF (ASSUME)

LIVE LOADS

ROOF 20 PSF (WITH REDUCTIONS PER CODE)  
STAIRS AND LANDINGS 100 PSF  
HANDRAIL / GUARD RAIL CONTROLLING OF 50 PLF OR 200 LB. POINT LOAD  
LOCATED TO CAUSE MAXIMUM STRESS

MATERIALS

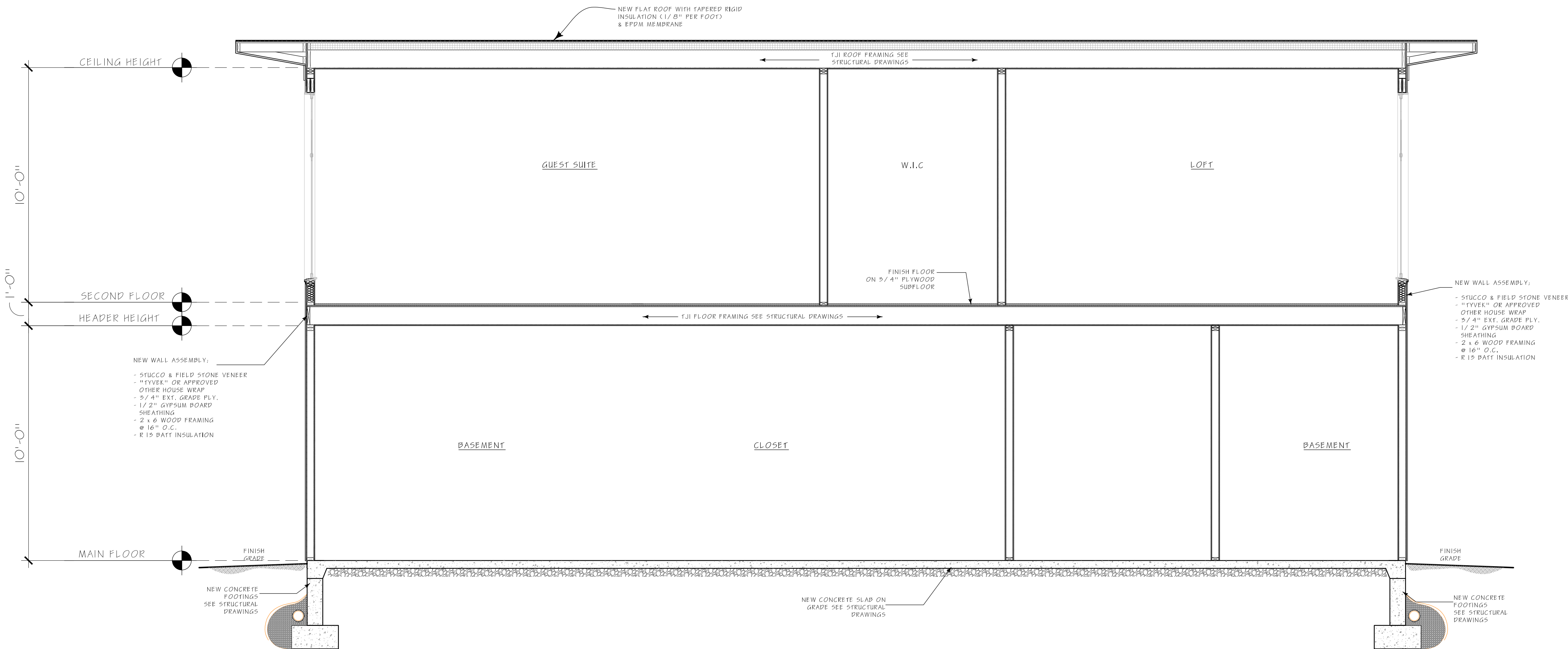
POST-INSTALLED ANCHOR RODS ASTM A193 GRADE B7 W/ COATING AS SPECIFIED IN ESR-2262 OR ESR-2922

CONCRETE (28 DAYS)

FOOTINGS 5000 PSI  
WEAR SLAB / SLAB-ON-GRADE 5000 PSI  
ALL OTHER CONCRETE 5000 PSI  
REINFORCING STEEL A615 GRADE 60  
HEADED STUDS A615  
WELDED WIRE FABRIC A655  
ADHESIVE ANCHORING HLTHIT-HY-20 ADHESIVE ANCHOR SYSTEM (ICC ESR-2584)  
HLTHIT-HY-20 ADHESIVE ANCHOR SYSTEM FOR CMU (ICC ESR 2682)

FIELD VERIFY ALL OPENINGS BEFORE ORDERING WINDOWS OR DOORS				
DOOR SCHEDULE	NO.	SIZE	TYPE	NOTES
	1	18'-0" x 8'-0"		
	2	5'-0" x 8'-0"		W/ 14" TRANSOM
	3	(2) 5'-0" x 8'-0"		W/ 14" TRANSOM
	4	5'-0" x 7'-0"		THREED
	5	2'-8" x 7'-0"		
	6	2'-8" x 7'-0"		
	7	2'-8" x 7'-0"		
	8	2'-8" x 7'-0"		
	9	2'-8" x 7'-0"		
	10	10'-0" x 8'-0"		
	11	5'-0" x 7'-0"		
	12	(2) 5'-0" x 7'-0"		
	13	14'-0" x 8'-10"		

FIELD VERIFY ALL OPENINGS BEFORE ORDERING WINDOWS OR DOORS					
WINDOW SCHEDULE	NO.	SIZE	QTY.	TYPE	NOTES
	W1	5'-4" x 6'-6"	8		
	W2	5'-6" x 19'-10"	1		
	W3	4'-4" x 19'-10"	1		
	W4	18'-4" x 19'-10"	1		
	W5	16'-8" x 8'-0"	1		
	W6	5'-6" x 2'-6"	6		
	W7	12'-0" x 8'-0"	1		
	W8	15'-0" x 8'-0"	1		
	W9	9'-0" x 8'-0"	2		
	W10	17'-0" x 8'-0"	3		
	W11	6'-0" x 8'-0"	1		
	W12	6'-6" x 4'-0"	1		
	W13	5'-6" x 4'-0"	1		



1 PROPOSED SECTION  
3/8" = 1'-0"

ENGINEER STAMP & SEAL:



DRAWINGS BY:  
BONSAI DESIGN



ROBERT HENDRICKS  
770-355-3586

DECEMBER 3, 2019

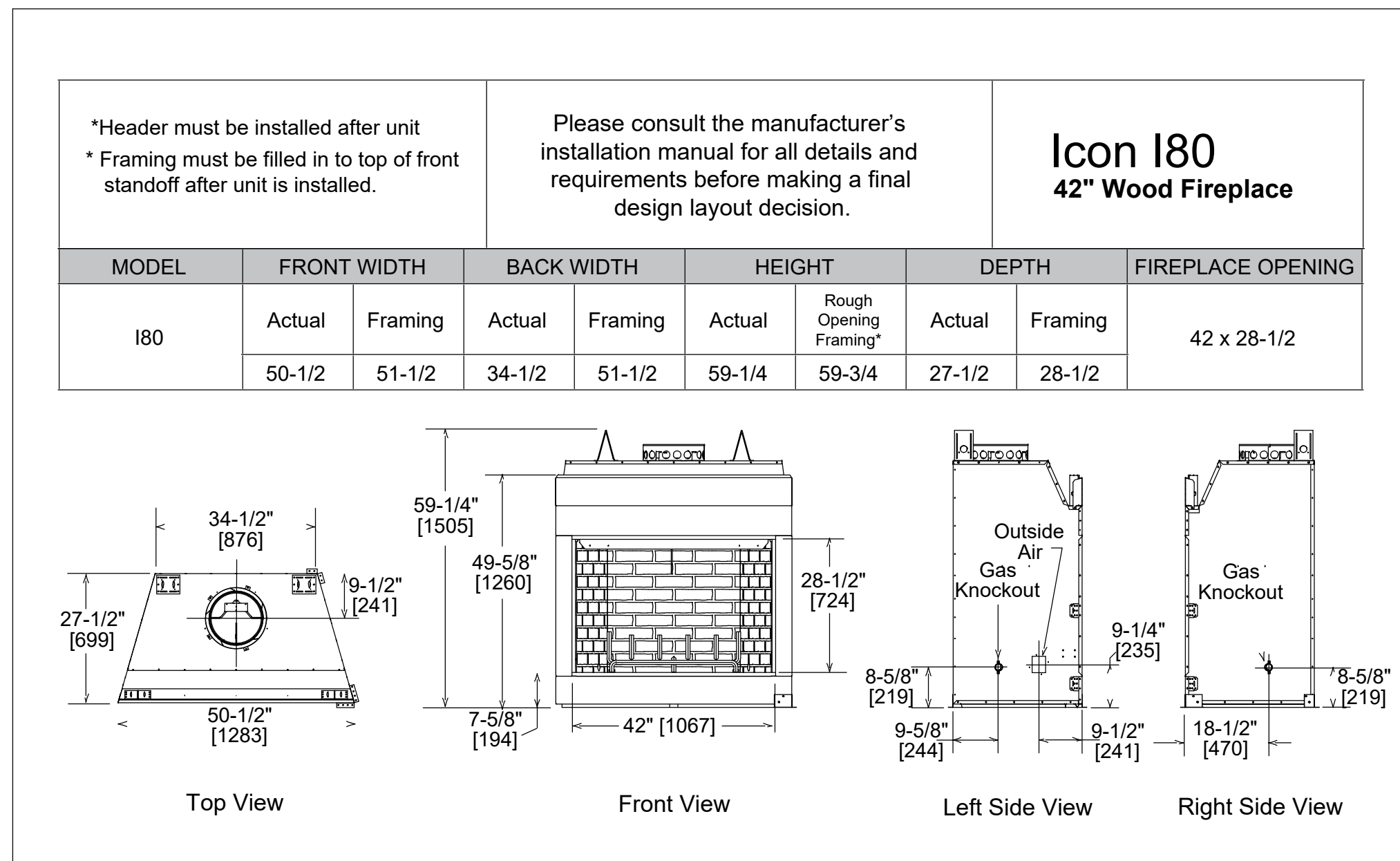
SHEET TITLE:

PROPOSED  
SECTION & SCHEDULES

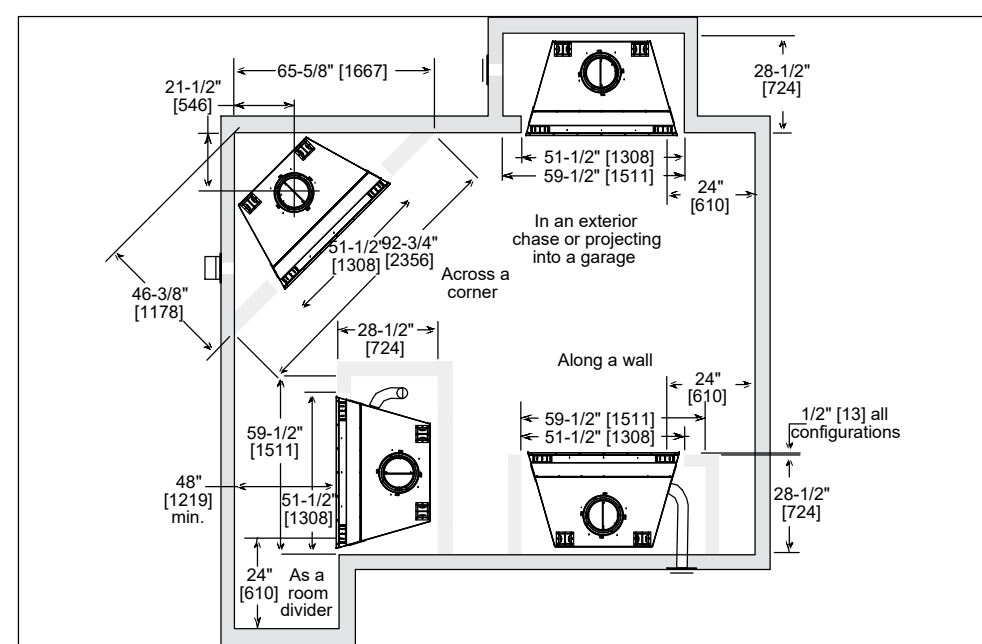
A.7



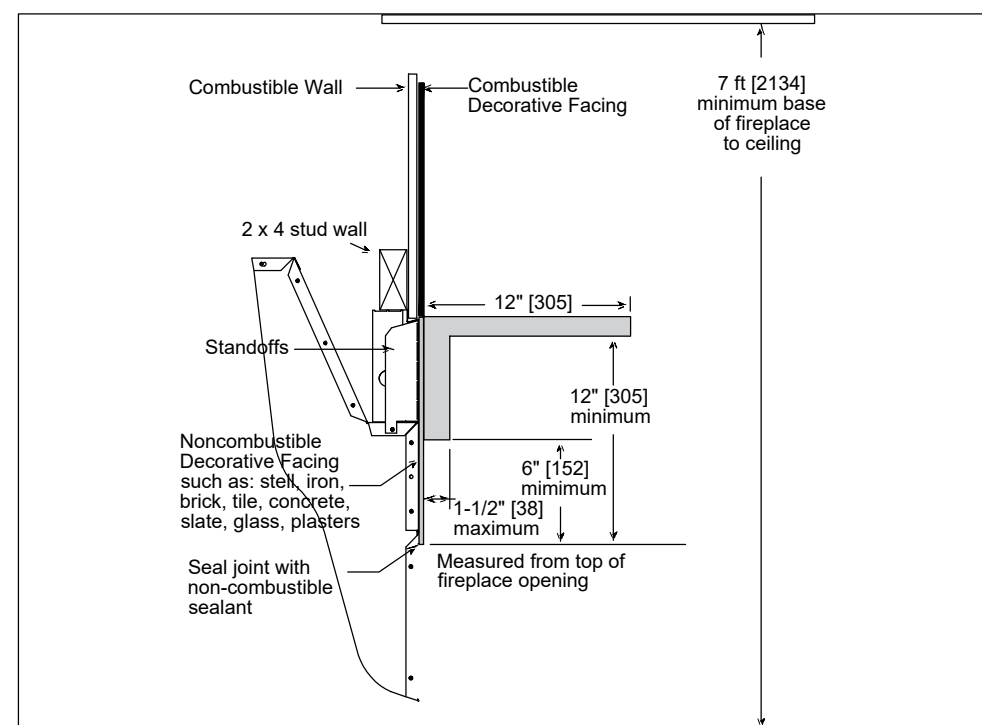
# FIREPLACE DETAILS



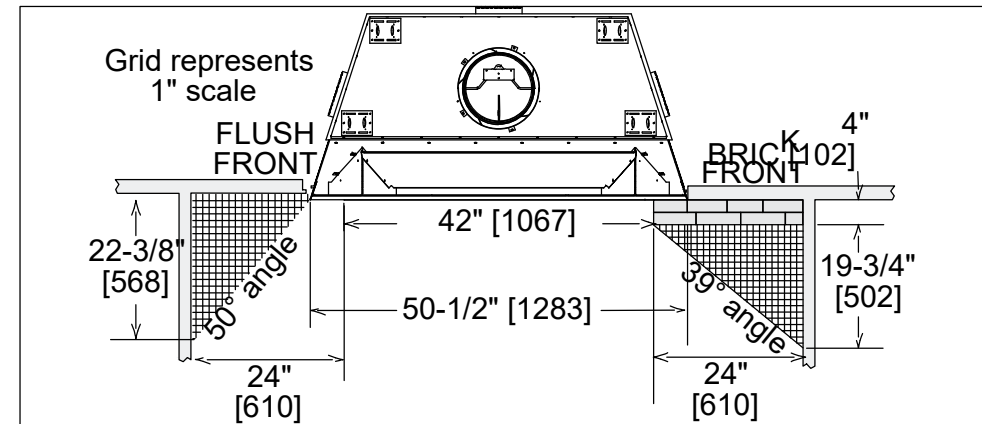
## APPLIANCE LOCATION



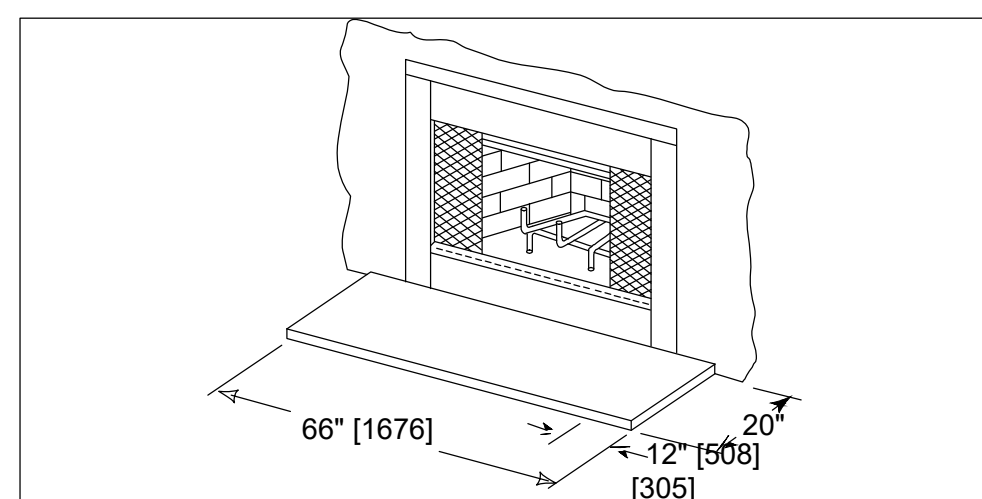
## MANTEL PROJECTIONS



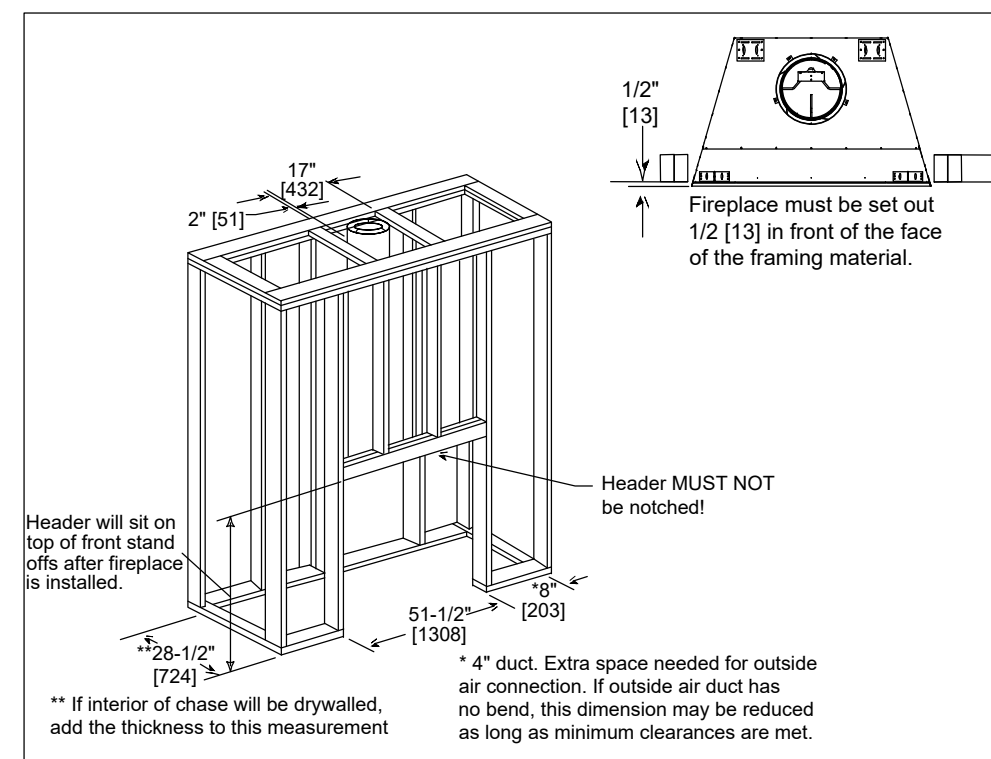
## MANTEL LEG/WALL PROJECTIONS



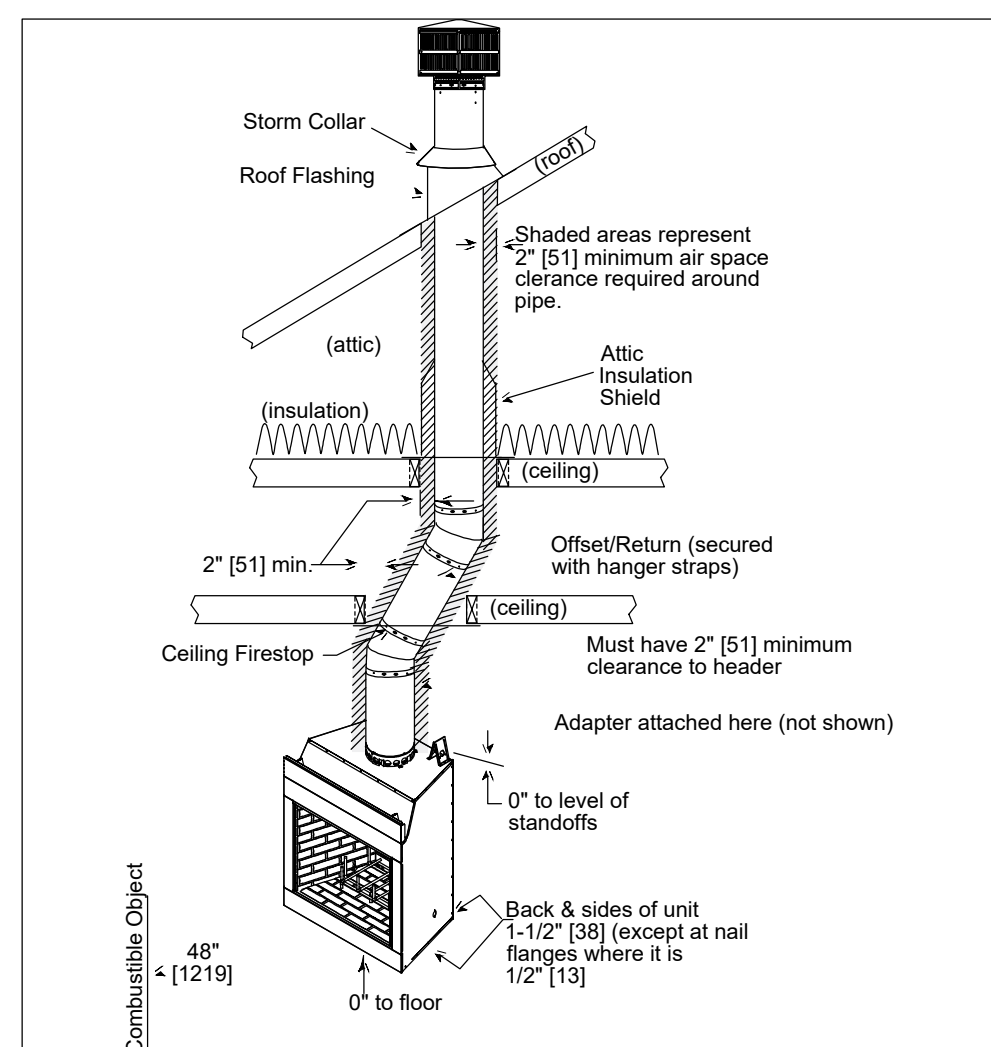
## HEARTH EXTENSIONS



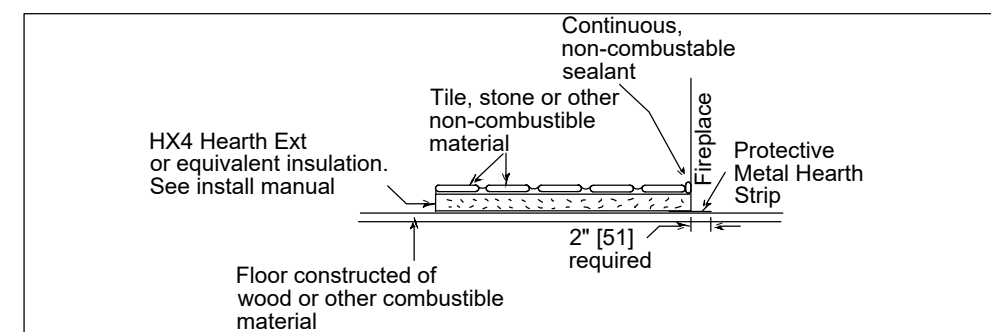
## FRAMING DIMENSIONS



## CLEARANCES TO COMBuSTIBLES



## HEARTH EXTENSION CONSTRUCTION

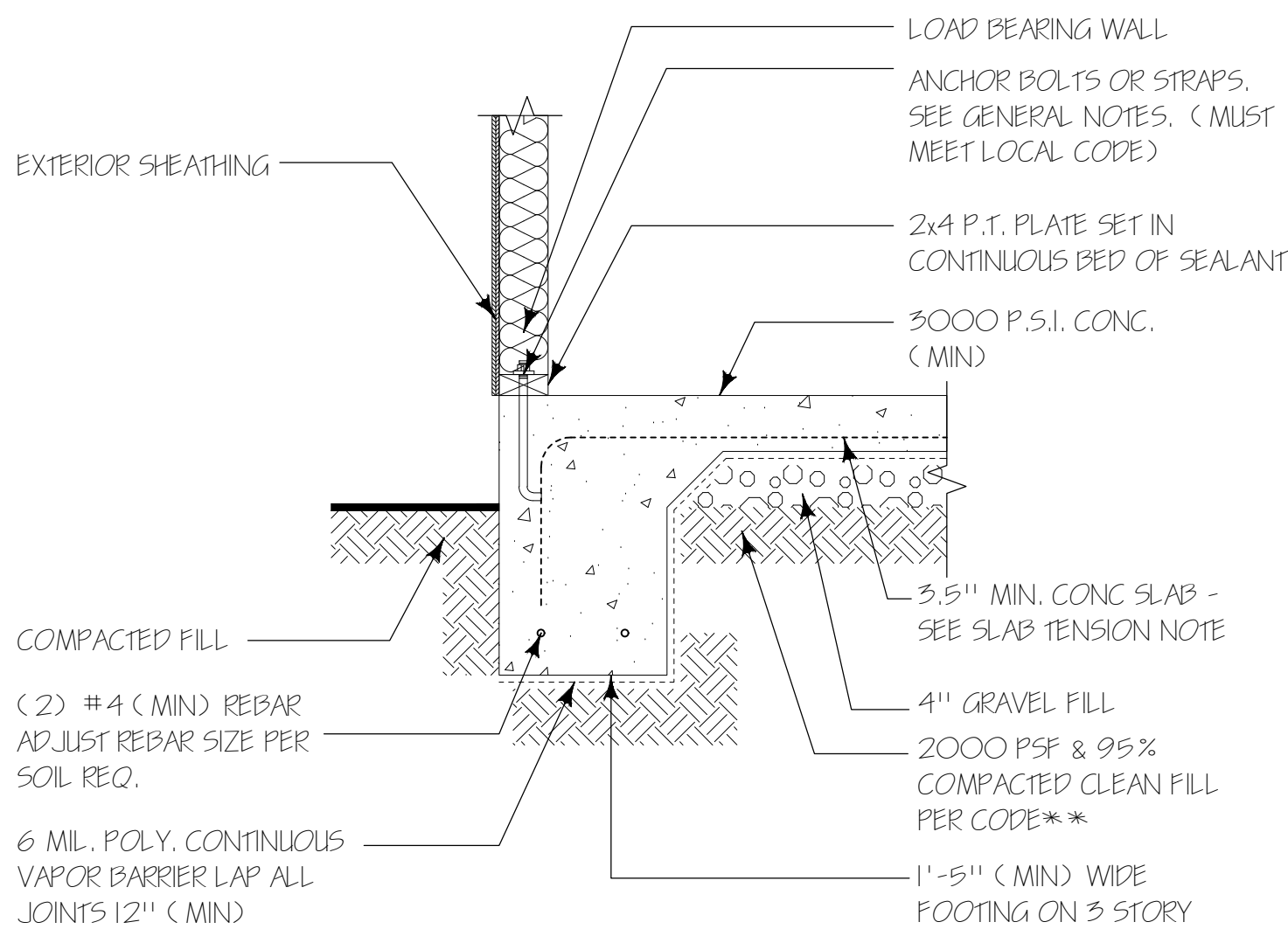


## PRODUCT LISTING CODES

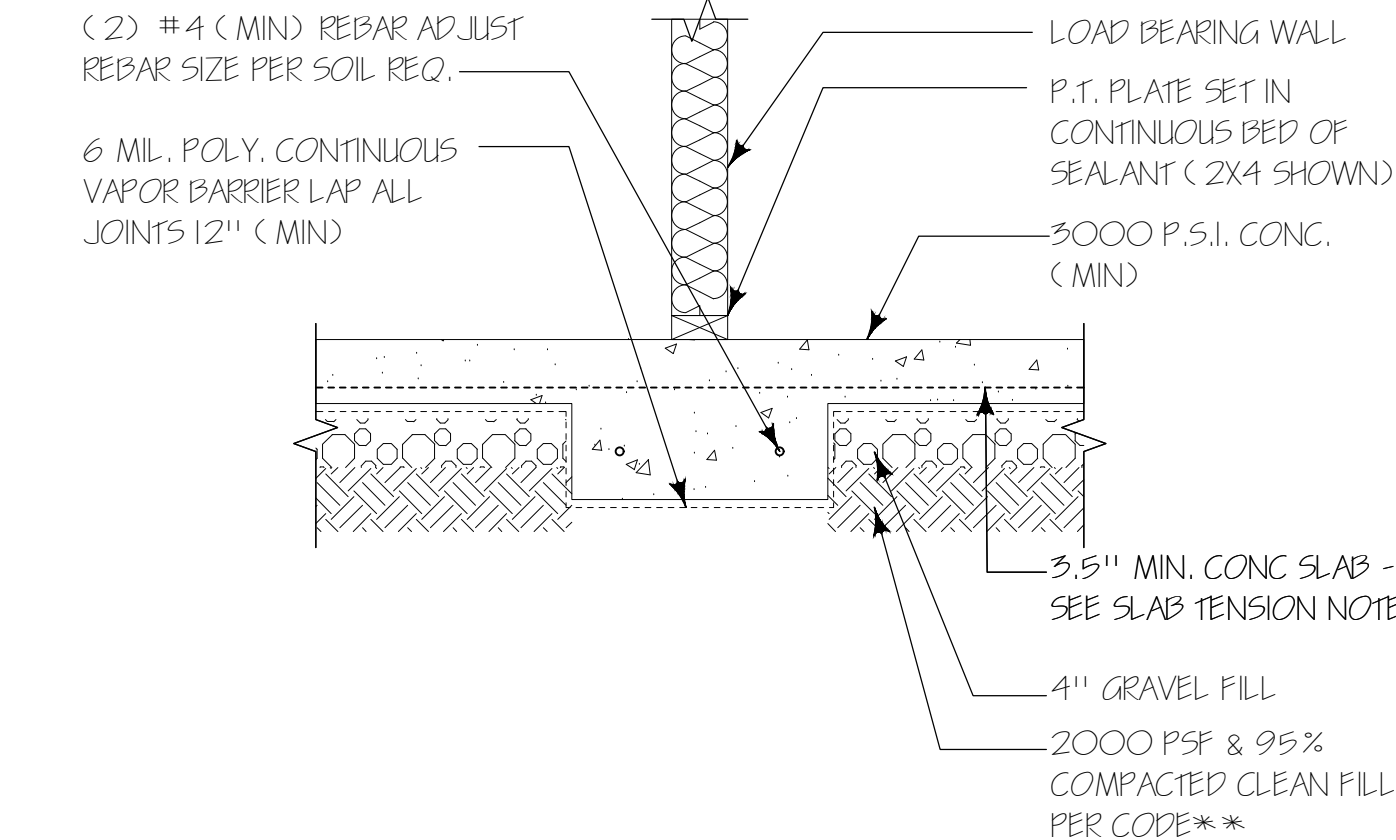
US UL 127  
CAN ULC-S610

Product information provided is not  
complete and is subject to change without  
notice. Product installation must adhere  
strictly to instructions accompanying  
product to avoid risk of fire and potential  
injury.

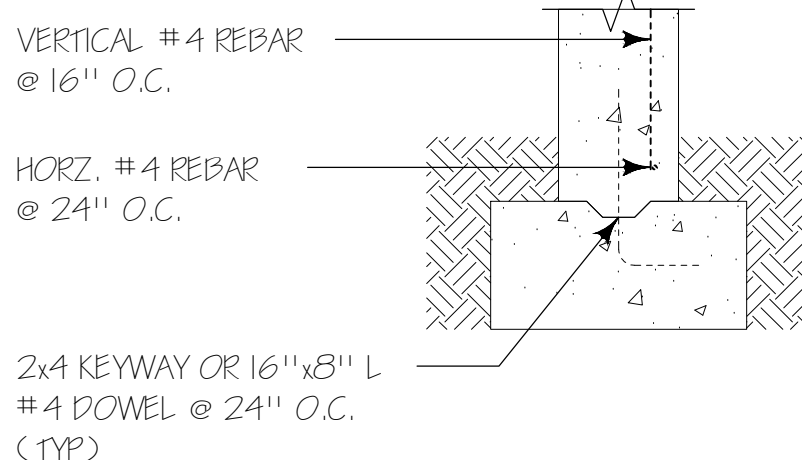
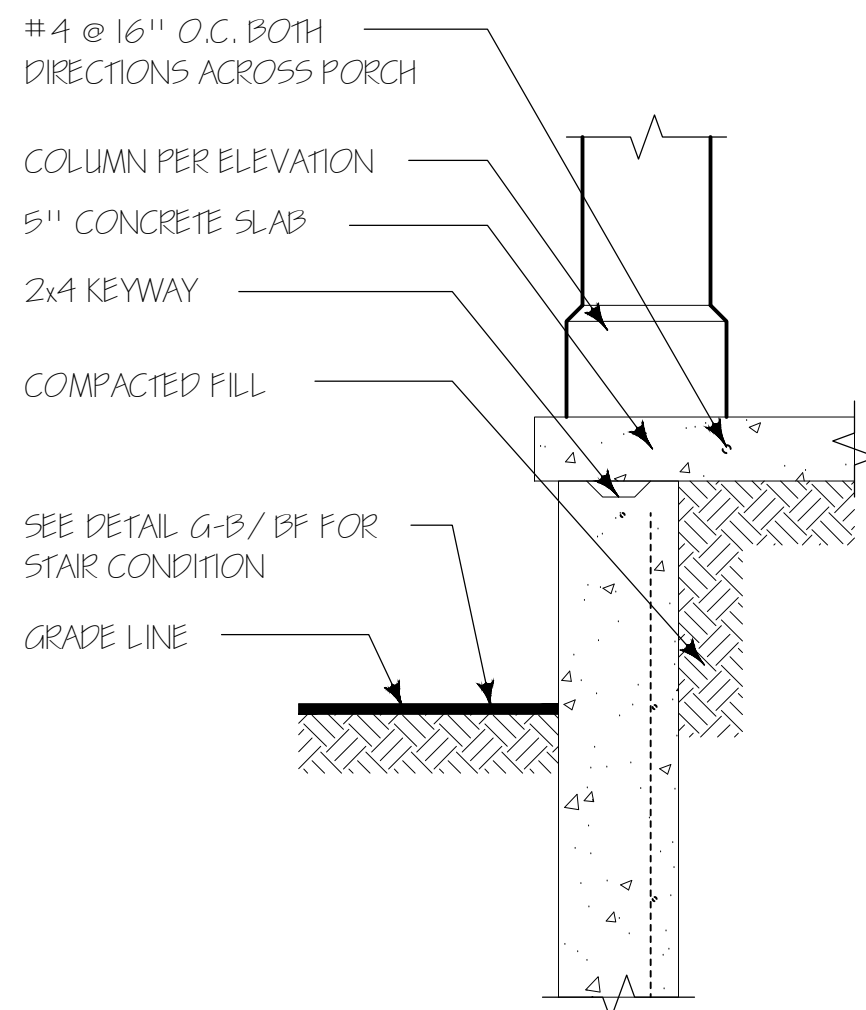
Additional information can be found online at [www.heatlator.com](http://www.heatlator.com)



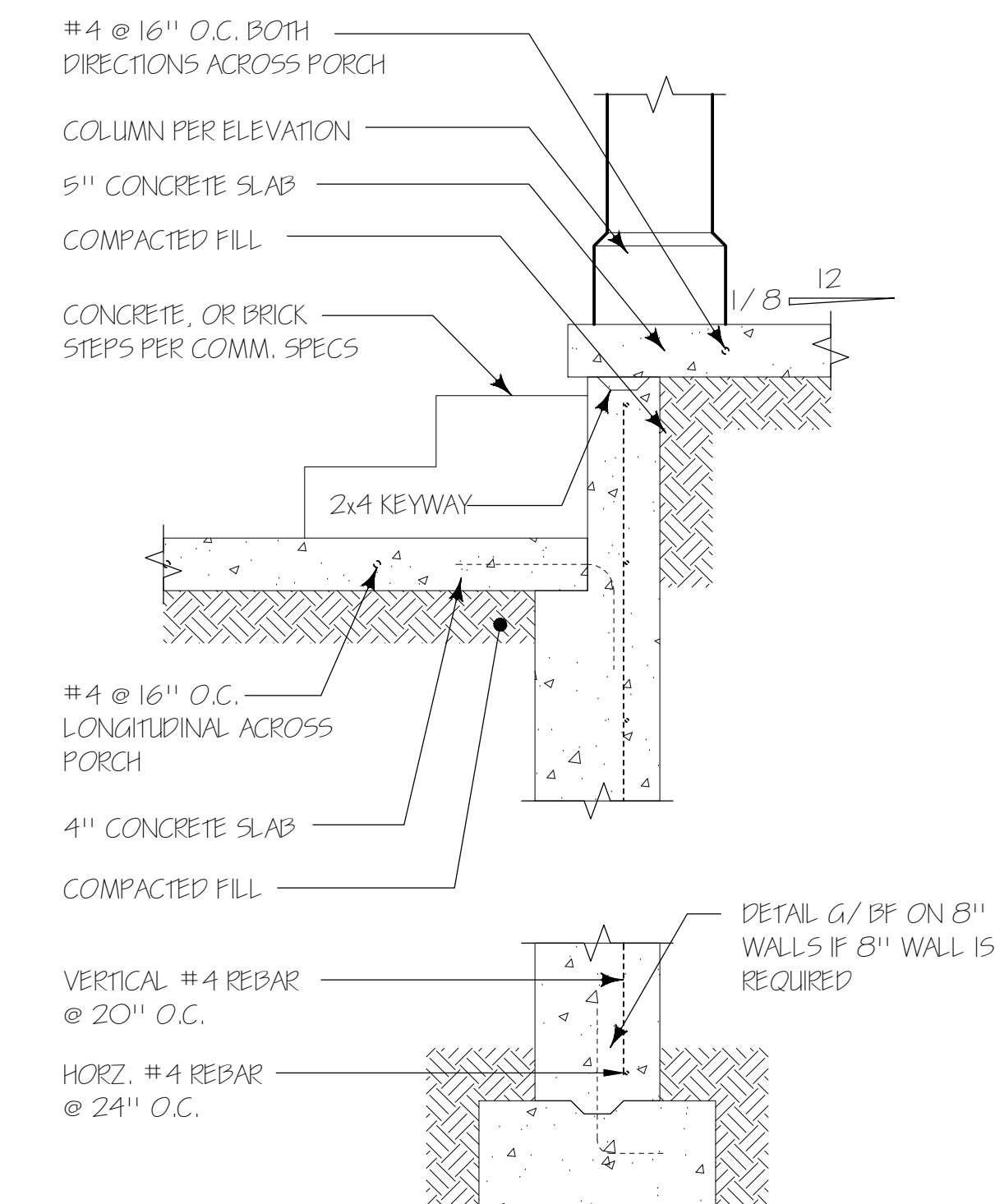
② TYP. TURN DOWN  
1" = 1'-0"



③ TYP. BR'G WALL (THICKENED SLAB)  
1" = 1'-0"



④ PORCH SLAB DETAIL  
1" = 1'-0"



⑤ PORCH SLAB DETAIL @ STAIR  
1" = 1'-0"

ENGINEER STAMP & SEAL:



DRAWINGS BY:  
BONSAI DESIGN



JASON ALBERT - 678.390.4655  
JASON.BONSAIDESIGN@GMAIL.COM

ROBERT HENDRICKS  
770-335-3586

DECEMBER 3, 2019

SHEET TITLE:

PROPOSED  
DETAILS

A.8