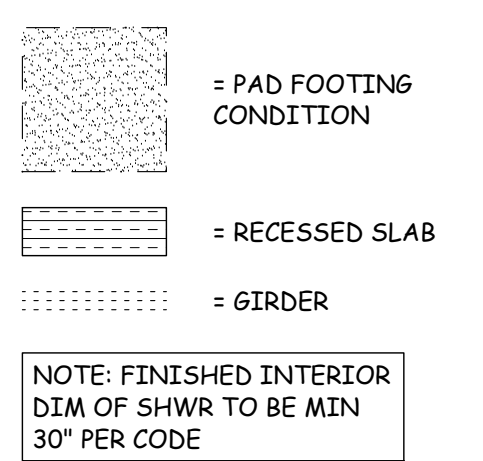


TYPICAL WALL SECTION

SCALE: 3/4" = 1'-0"

DRAWING INDEX

A1	FOUNDATION PLAN
A2	FLOOR PLAN
A3	ELEVATIONS
A4	ROOF PLAN
E1	ELECTRICAL PLAN
S1	STRUCTURAL DETAILS
S2	STRUCTURAL DETAILS



CODE COMPLIANCE VERIFICATION

BUILDING CODE :	FLORIDA BUILDING CODE, RESIDENTIAL 2020 (7th EDITION) FLORIDA BUILDING CODE
MECHANICAL CODE :	FLORIDA BUILDING CODE, MECHANICAL 2020 (7th EDITION)
PLUMBING CODE :	FLORIDA BUILDING CODE, PLUMBING 2020 (7th EDITION)
ELECTRICAL CODE :	NEC 2017
FIRE CODE :	FLORIDA FIRE PREVENTION CODE 2020 (7th EDITION)
ACCESSIBILITY :	FLORIDA BUILDING CODE, BUILDING 2020 (7th EDITION)
ENERGY CODE :	FLORIDA BUILDING CODE, BUILDING 2020 (7th EDITION)

WIND DESIGN

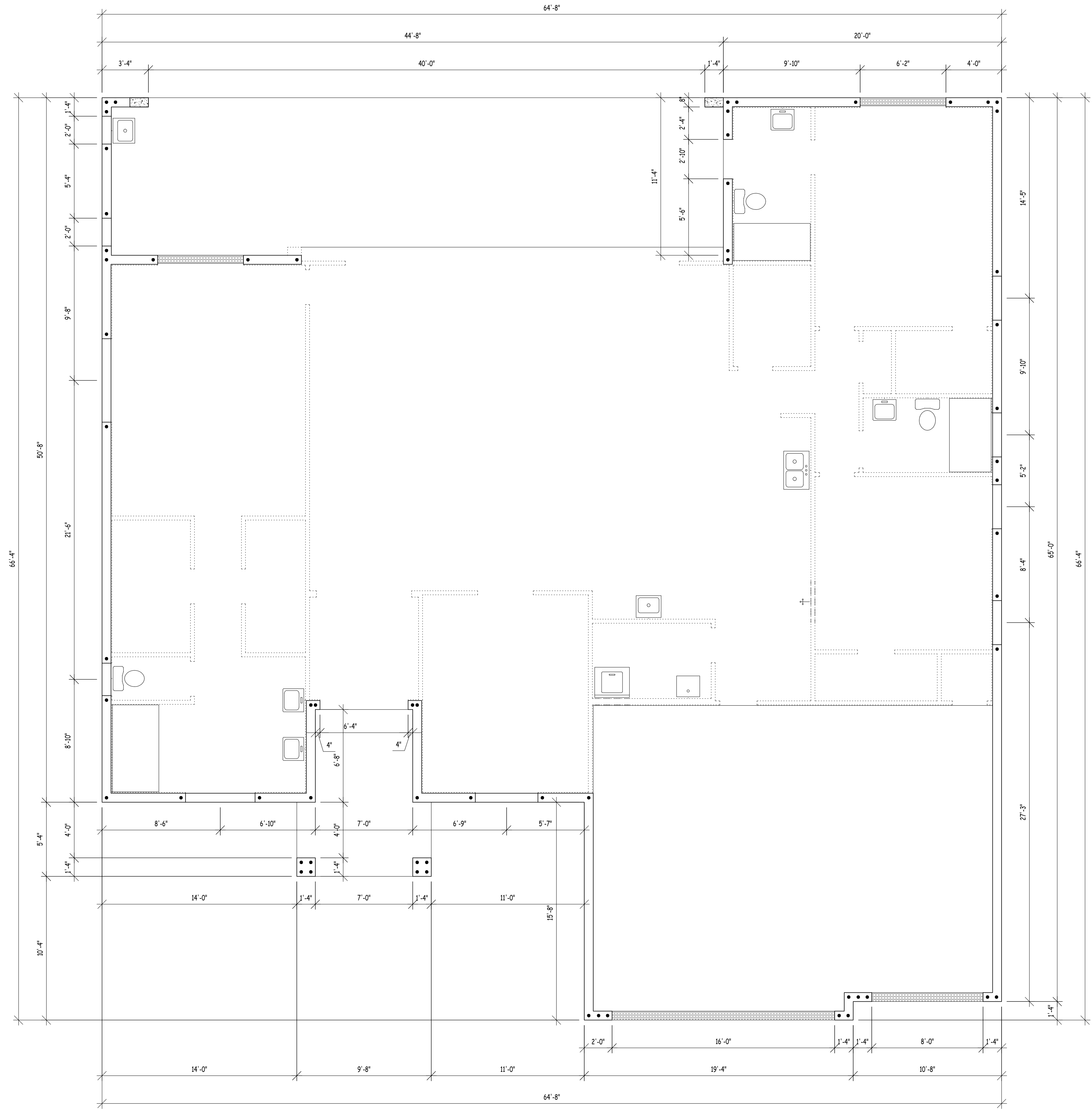
BASIC WIND SPEED	160 MPH (3 SECOND GUST)
IMPORTANCE FACTOR	1.0
EXPOSURE	C
METHOD OF DESIGN	ASCE7-16
MEAN ROOF HEIGHT	15'-4"
INTERNAL PRESSURE COEFFICIENT	0.18 ENCLOSED MAIN BUILDING 0.55 LANAI AND ENTRY

BUILDING DESIGN

RISK CATEGORY (2)	
-------------------	--

FOOTING SCHEDULE

LOCATE	SIZE	TYPE	REINFORCEMENT	COMMENTS
F-1	16"W x 8"D	MONOLITHIC	(2) #5 CONTINUOUS	TYP FOOTING
F-2	8"W x 12"D	INTEGRAL	(1) #5 CONTINUOUS	-
F-3	8"W x 8"D	EDGE	(1) #5 CONTINUOUS	-
F-4	"x "x12"D	PAD	(4) #5 EACH WAY	-



FOUNDATION PLAN

ASSUMED SOIL BEARING CAPACITY IS 2000 PSF. NOTIFY ENGINEER IF UNSUITABLE OR UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED. ALL EXTERIOR MASONRY WALLS WITH JAM STEEL ACT AS SHEAR WALLS/PIERS ACCORDING TO RELATIVE RIGIDITY.

Seal With Engineer's Signature Certifies That The Structural Components Of This Plan Are In Compliance To The 2020 Florida Building Code, Residential Edition. To Reference To Wind Pressure Is In Compliance To Section 1609.

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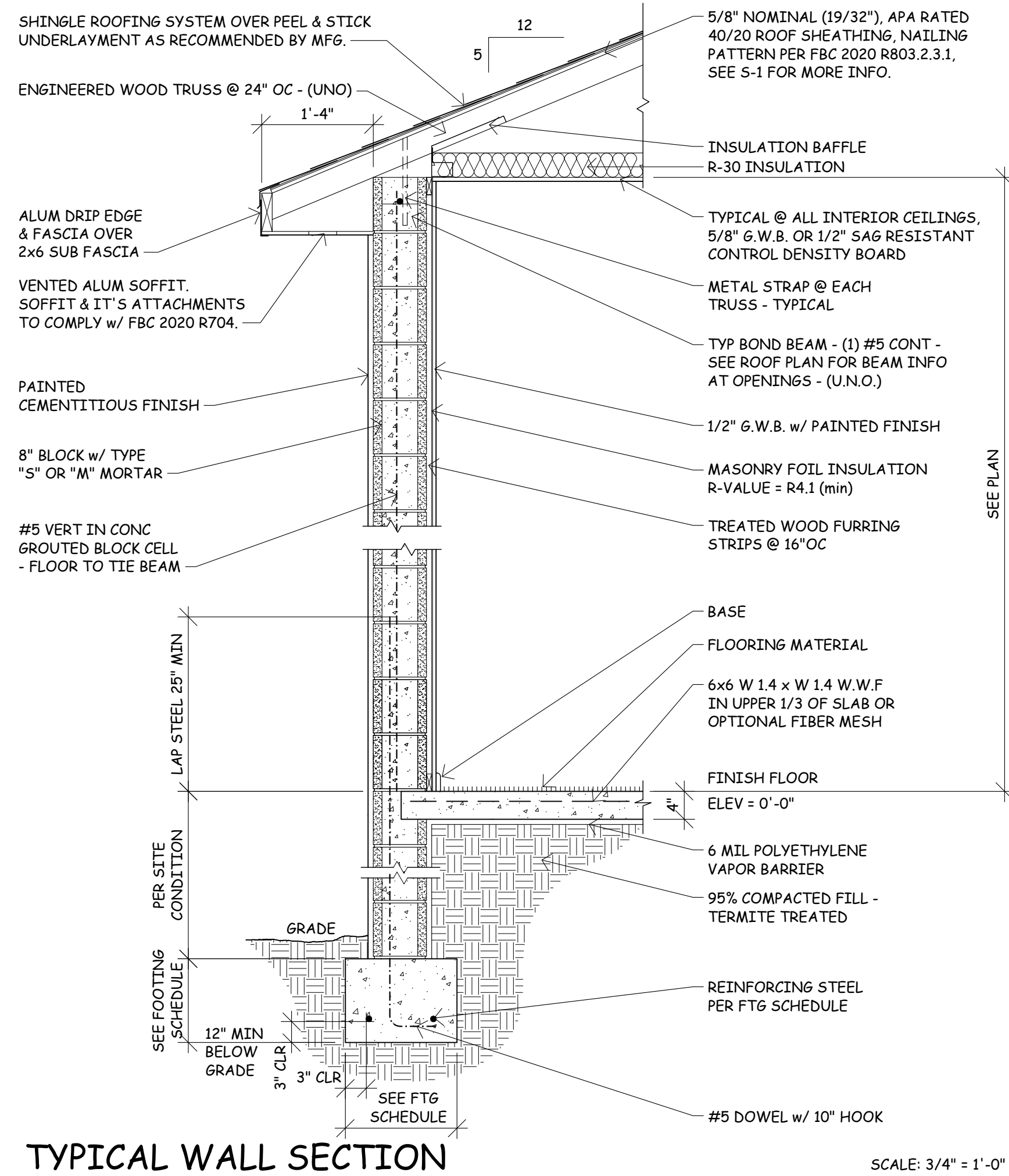
Colonial Properties
Zuffenhausen Model
 JOB-LOCATION

SCALE OF DRAWING

IF BOX IS 1" SQ THEN ITS: 1/4"=1'-0"
 IF BOX IS 1/2" SQ THEN ITS: 1/8"=1'-0"

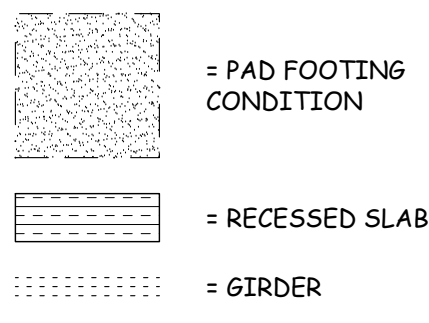
11.15.2021

A1
 Zuffenhausen Model



DRAWING INDEX

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A2	FLOOR PLAN
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ENERGY CODE :	FLORIDA BUILDING CODE, BUILDING 2020 (7th EDITION)

WIND DESIGN

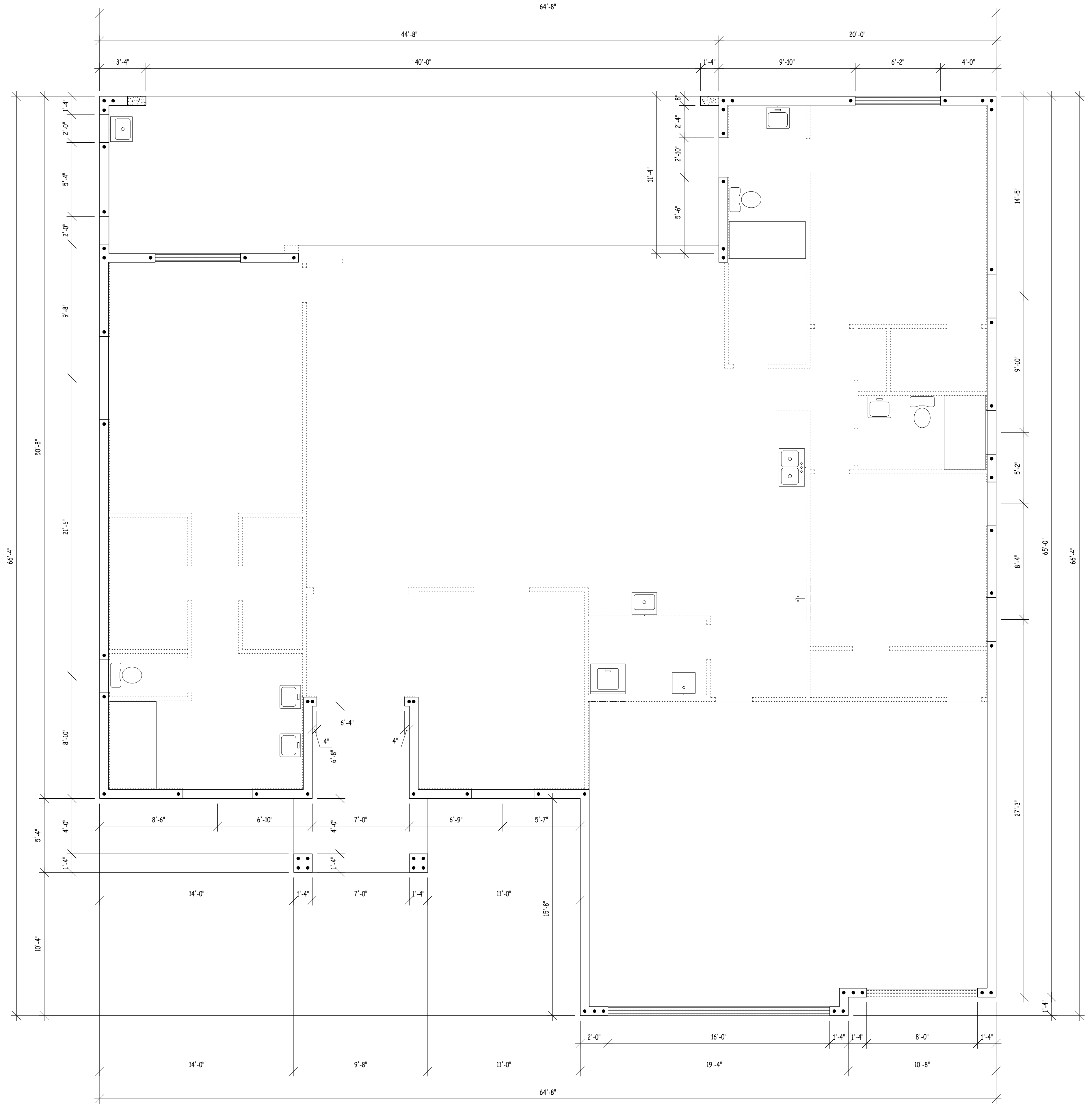
BASIC WIND SPEED	160 MPH (3 SECOND GUST)
IMPORTANCE FACTOR	1.0
EXPOSURE	C
METHOD OF DESIGN	ASCE7-16
MEAN ROOF HEIGHT	15'-4"
INTERNAL PRESSURE COEFFICIENT	0.18 ENCLOSED MAIN BUILDING 0.55 LANAI AND ENTRY

BUILDING DESIGN

RISK CATEGORY (2)	
-------------------	--

FOOTING SCHEDULE #W = FOOTING WIDTH #D = FOOTING DEPTH

LOCATE	SIZE	TYPE	REINFORCEMENT	COMMENTS
F-1	12"W x 18"D	STEM WALL	(2) #5 CONTINUOUS	TYP FOOTING
F-2	8"W x 12"D	INTEGRAL	(1) #5 CONTINUOUS	-
F-3	8"W x 8"D	EDGE	(1) #5 CONTINUOUS	-
F-4	"x "x12"D	PAD	(4) #5 EACH WAY	-



FOUNDATION PLAN

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Colonial Properties
Zuffenhausen Model
JOB-LOCATION

SCALE OF DRAWING
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IF BOX IS 1/2" SQ THEN ITS: 1/8"=1'-0"

11.15.2021

A1
Zuffenhausen Model

WINDOW SCHEDULE

LOCATE	SIZE	MANUFACTURER	NOA # / FL #	HURR. PROTECT	NOTES
A	72"x16"				FIXED GLASS
B	60"x24"				FIXED GLASS
C	H33				SINGLE HUNG
D	72"x24"				FIXED GLASS
E	25				SINGLE HUNG
F	23				SINGLE HUNG
G	35				SINGLE HUNG

DOOR SCHEDULE

LOCATE	SIZE	MANUFACTURER	NOA # / FL #	HURR. PROTECT	NOTES
1	2-3080				FULL LITE
2	6080				SLIDING GLASS DOOR
3	24080				SLIDING GLASS DOOR - CENTER SPLIT/PKT
4	2880				FULL LITE
5	8080				OVERHEAD
6	16080				OVERHEAD

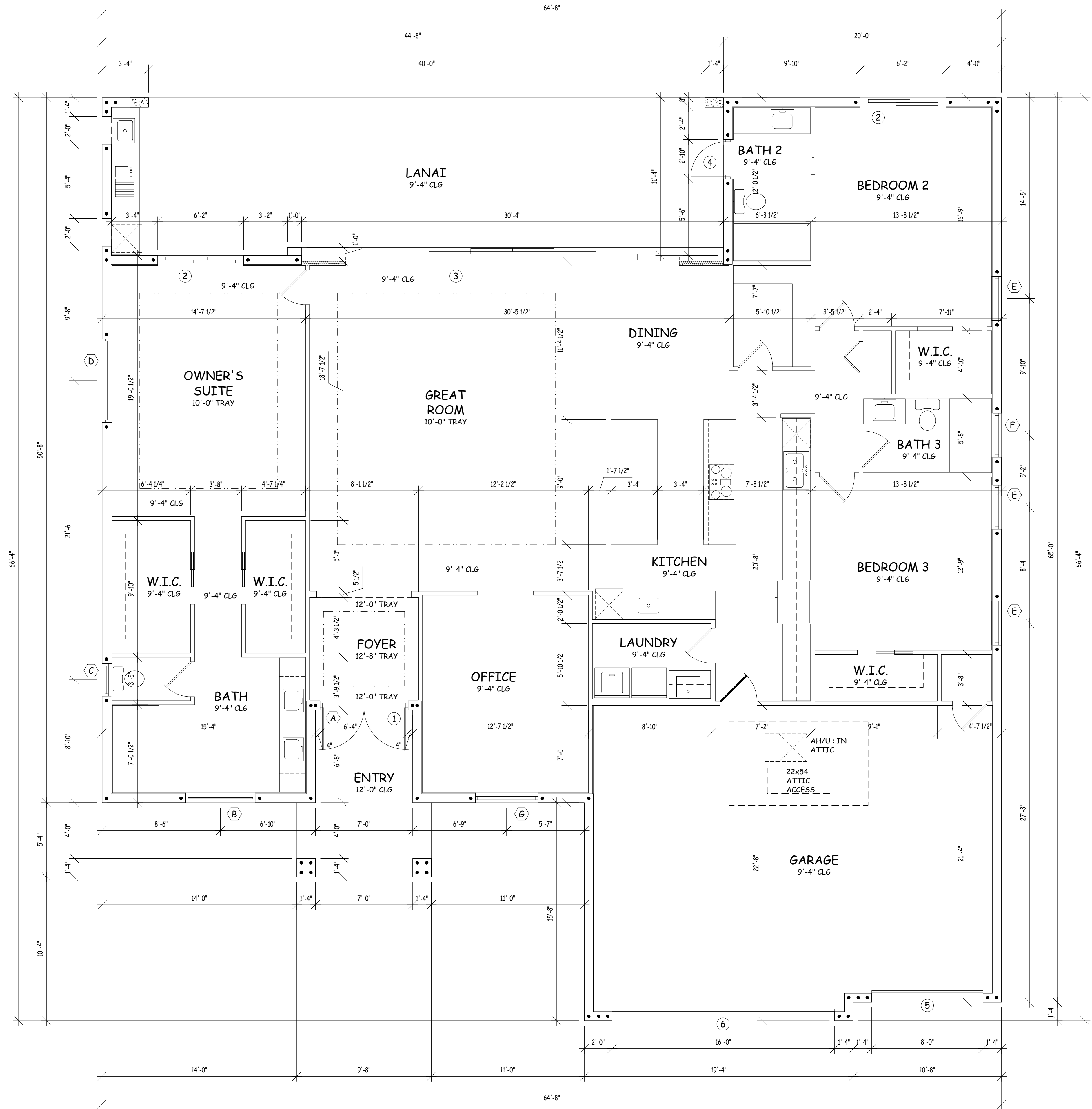
NOTE : CONTRACTOR TO VERIFY MASONRY OPENINGS PRIOR TO COMMENCEMENT OF WORK.

NOTE: AT LEAST ONE BATH TO BE AN ACCESSIBLE BATH

NOTE: FINISHED INTERIOR DIM OF SHWR TO BE MIN 30" PER CODE

AREAS

LIVING	2502 SF
LANAI	506 SF
ENTRY	98 SF
GARAGE	678 SF
TOTAL:	3784 SF



FLOOR PLAN

Seal With Engineer's Signature Certifies That The Structural Components Of This Plan Are In Compliance To The 2020 Florida Building Code, Residential. To Wind Pressure In Compliance To Section 1609.

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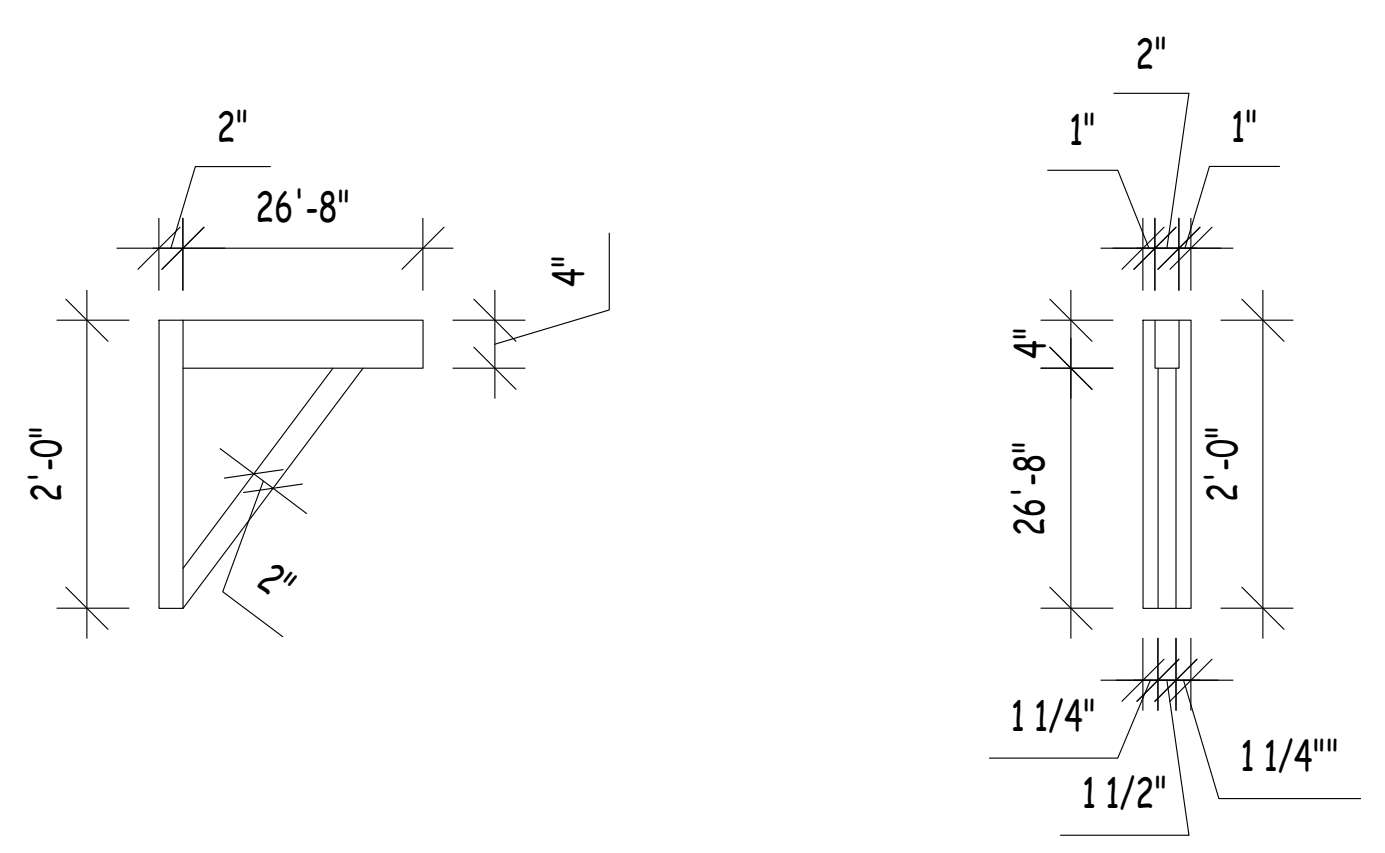
Brian Loy Chandler - P.E. #21512 - CC#100000000

Colonial Properties
Zuffenhausen Model
 JOB-LOCATION

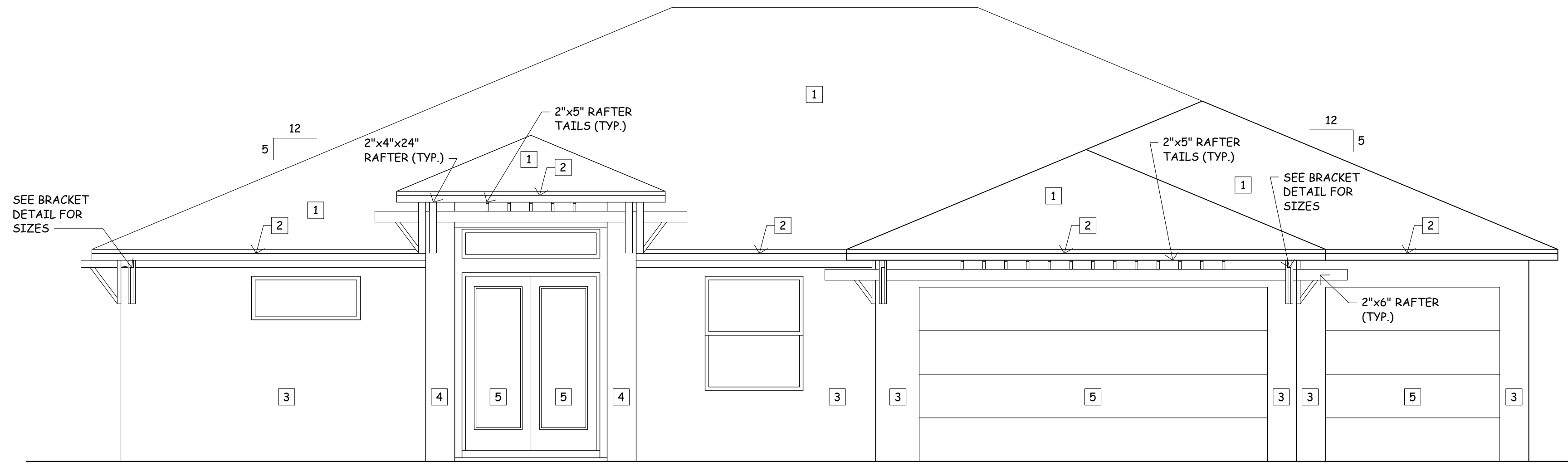
SCALE OF DRAWING
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11.15.2021

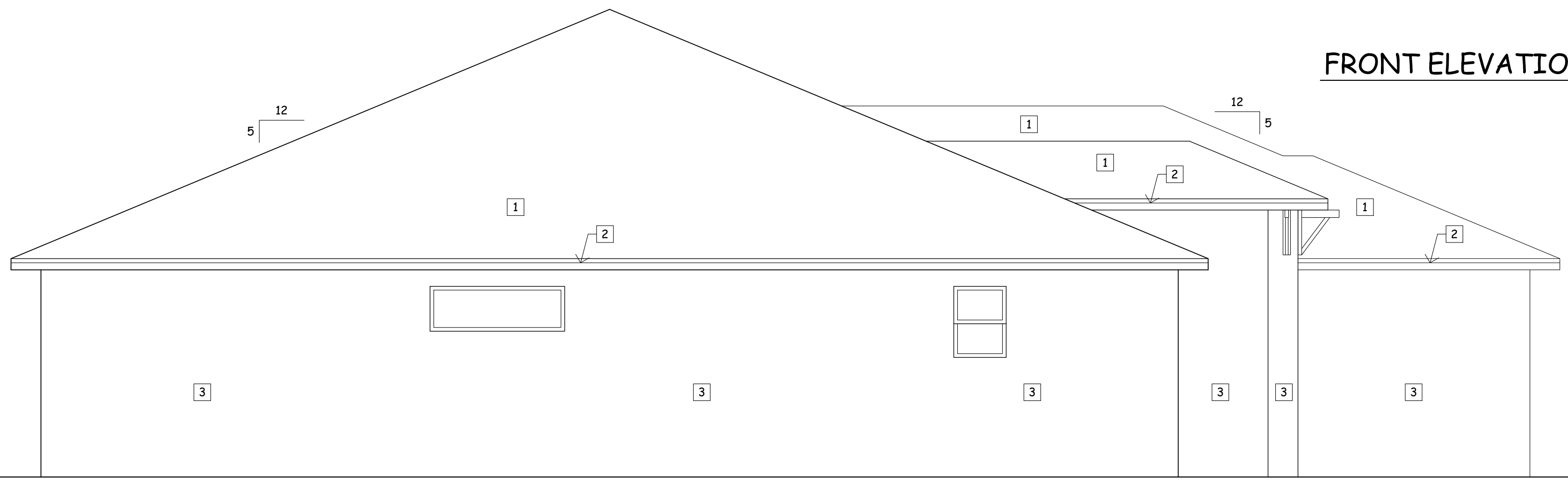
A2
 Zuffenhausen Model



BRACKET DETAIL

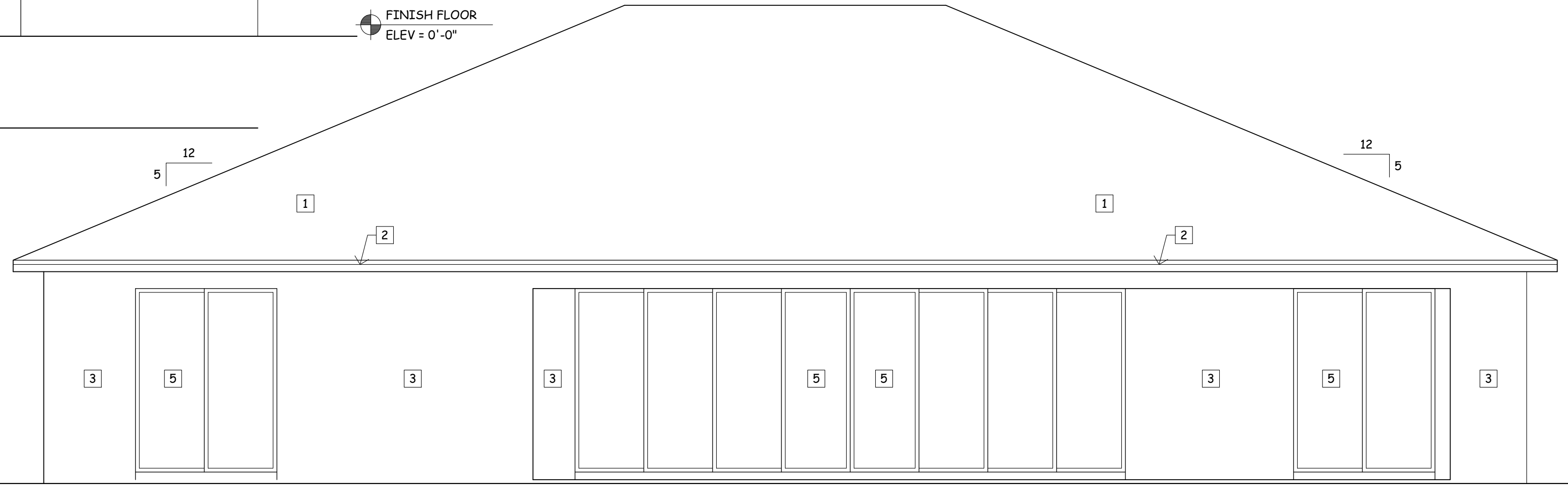


FRONT ELEVATION



LEFT ELEVATION

EXTERIOR FINISHES	
1	- SHINGLE ROOFING SYSTEM
2	- PAINTED ALUMINUM FASCIA
3	- PAINTED CEMENT TEXTURE FINISH
4	- PAINTED CEMENT SMOOTH FINISH
5	- EXTERIOR DOOR



BACK ELEVATION



RIGHT ELEVATION

- PEAK OF ROOF
ELEV = 20'-4"
- TOP OF WALL
ELEV = 12'-0"
- TOP OF WALL
ELEV = 9'-4"
- FINISH FLOOR
ELEV = 0'-0"

- TOP OF WALL
ELEV = 12'-0"
- TOP OF WALL
ELEV = 9'-4"
- FINISH FLOOR
ELEV = 0'-0"

- TOP OF WALL
ELEV = 9'-4"
- FINISH FLOOR
ELEV = 0'-0"

- TOP OF WALL
ELEV = 9'-4"
- FINISH FLOOR
ELEV = 0'-0"

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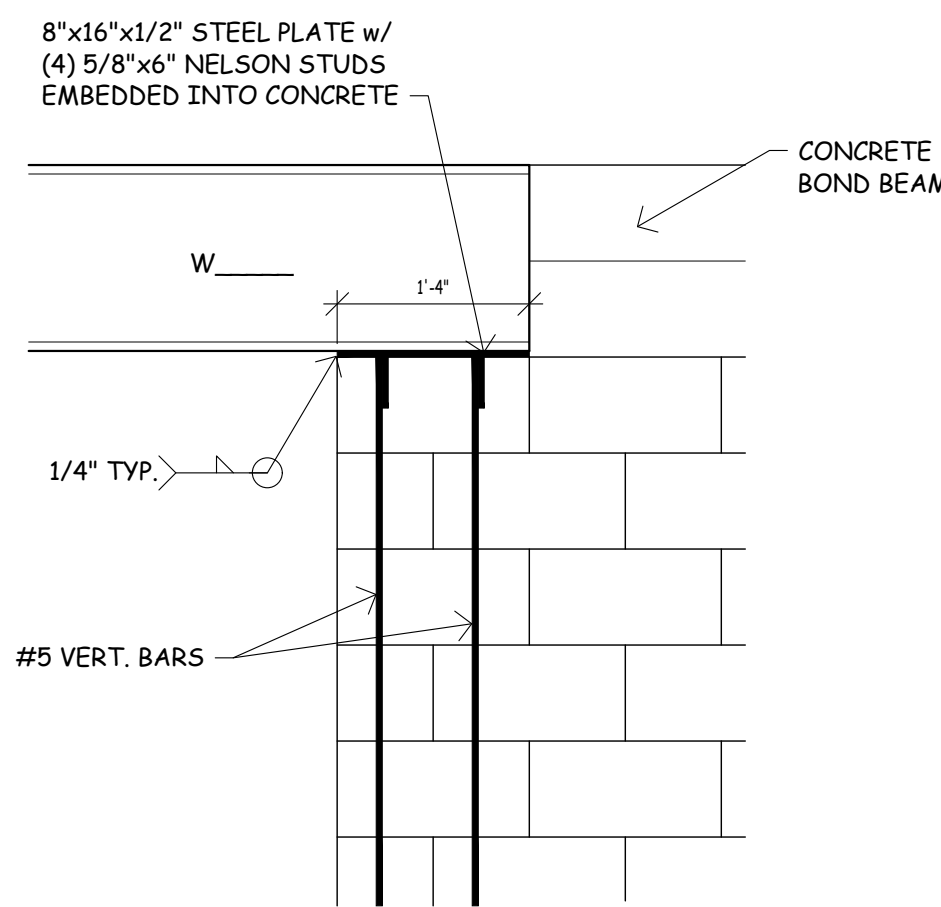
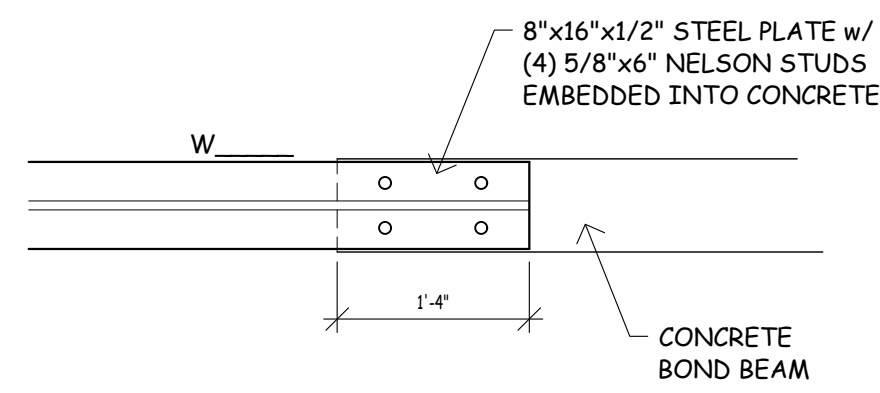
Colonial Properties
Zuffenhausen Model
 JOB-LOCATION

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 IF BOX IS 1/2" SQ THEN ITS: 1/8"-1'-0"

11.15.2021

A3
Zuffenhausen Model



DETAIL A - STEEL BEAM TO CONCRETE BEAM CONNECTION

ATTIC VENTILATION CALCULATION

PER FBC 2020 7th EDITION PER R806.1
 sqft OF ROOF AREA / 150 = sqft X 144 = sqin
 OF TOTAL VENTILING REQUIRED.
 LOWER VENTILATION: sqin PER LINEAR FOOT AT FEET =
 FL#
 ROOFING MATERIAL FL#:
 UNDERLAYMENT FL#:

BOND BEAM INFO

F = FILLED WITH GROUT
 U = UNFILLED
 R = RECESSED

8F16-1B/1T
 NUMBER OF #5 BARS IN BOTTOM LINTEL CAVITY
 NUMBER OF #5 BARS IN TOP BOND BEAM
 NOMINAL HEIGHT
 NOMINAL WIDTH

8R8 - 8" PRECAST w/ 2" RECESS (FILLED SOLID)

1-5/8" ACTUAL HEIGHT 16" NOMINAL HEIGHT
 1-1/2" CLEAR
 #5 BARS IN TOP MIN (1) REQ'D
 BOND BEAM
 GROUT
 #5 BARS IN BOTTOM OF LINTEL CAVITY
 BOTTOM REINFORCING PROVIDED IN LINTEL (VARIES)
 7-5/8" ACTUAL 8" NOMINAL

TYP. @ WALLS
 8F8 8F16-0B/1T 8F16-1B/1T 8F16-1B/2T 8F16-2B/2T

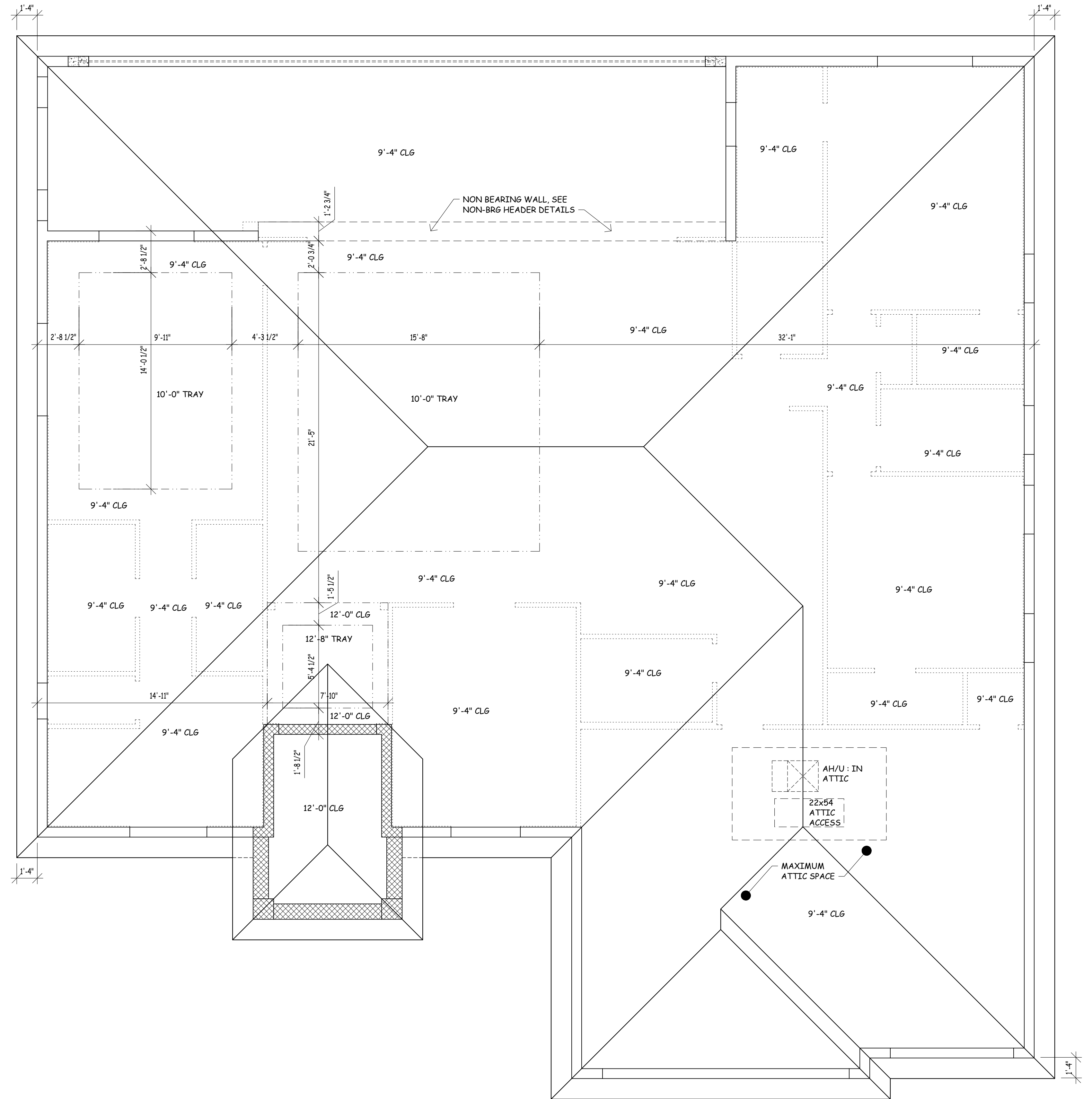
WOOD BEAM SCHEDULE

LOCATE	SIZE
WB-1	() 2x12 SYP NO.2 BOARDS w/ 1/2" PLYWOOD PLATE
WB-2	() 1-3/4"x_____ LVL BEAM

COLUMN SCHEDULE

LOCATE	SIZE & STRAP
C-1	() 2x4 NO.2 SYP, SECURE @ BOTTOM w/ () AND @ TOP w/ ()
C-2	() 2x6 NO.2 SYP, SECURE @ BOTTOM w/ () AND @ TOP w/ ()

EACH COLUMN FOR HEADER OPENING SHALL CONSIST OF (1) KING STUD RUNNING FULL HEIGHT OF WALL ADJACENT TO HEADER AND ALL REMAINING STUDS SHALL BE JACK STUDS THAT TERMINATE UNDER THE HEADER.



ROOF PLAN

ENGINEERING AND DESIGN BASED UPON TRUSS LAYOUTS PREPARED BY: . #. DATED .
 IF MANUFACTURER'S LAYOUT DRAWINGS DIFFER IN CONFIGURATION OR BEARING POINTS FROM THIS PLAN, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE SAID TRUSS MANUFACTURER'S DRAWINGS REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD, BEFORE THE CONSTRUCTION OF THE ROOF SYSTEM.