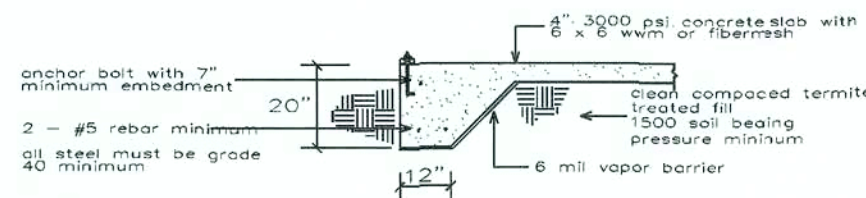


FOUNDATION NOTES

4" THICK SLAB WITH FIBER MESH OR 6 x 6 W.W.M. OVER 6 MIL VAPOR BARRIER ON CLEAN TERMITE TREATED SOIL. FIBER MESH MAY BE USED. ALL STEEL MUST BE GRADE 40 MIN. 1500 PSF SOIL BEARING PRESSURE MIN. 8" C.M.U. STEMWALL WITH (1) #5 REBAR VERTICAL FILLED CELL W/ CONCRETE AT ALL CORNERS AND 6" O.C. MAX. SPACING. 10" DEEP X 20" WIDE WITH (3) 5 REBAR CONT. STEMWALL FOOTING. THICKEN EDGE OF MONOLITHIC SLAB TO 16" WIDE X 20" DEEP WITH (3) #5 REBAR CONTINUOUS.

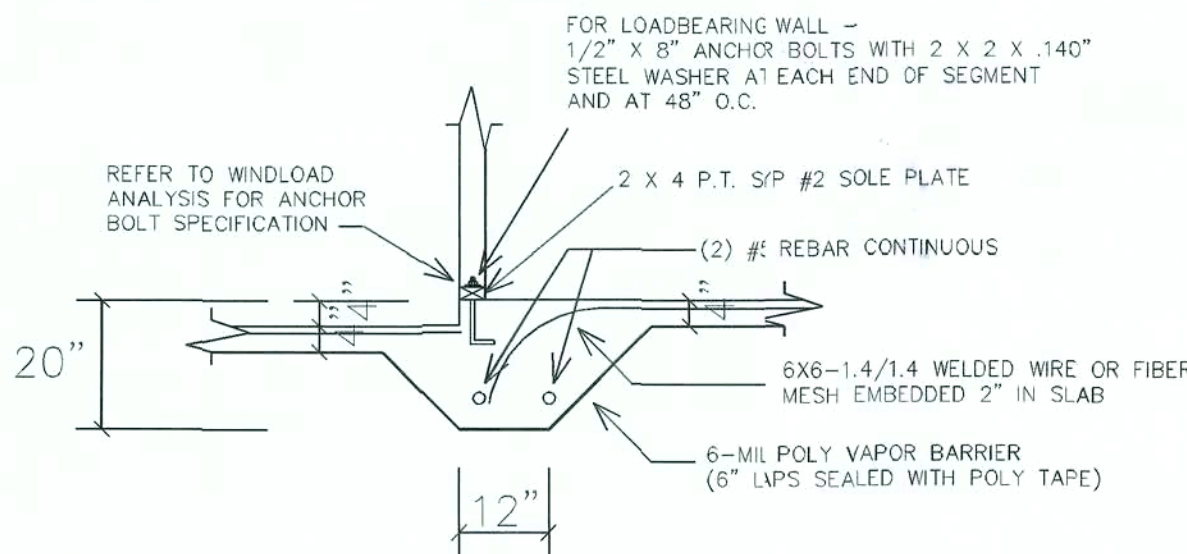
CONTRACTOR TO VERIFY ALL DIMENSIONS, CODES, AND DESIGNS TO COMPLY WITH AUTHORITIES HAVING JURISDICTION. ALL STEEL MUST BE GRADE 40. VERIFY ALL FOOTINGS WITH CONTRACTOR AND TRUSS COMPANY'S TRUSS LAYOUT. CODE STATEMENT: CODE REQUIREMENTS IN EFFECT AT THE TIME OF DESIGN: 2017 FLORIDA RESIDENTIAL BUILDING CODE(6TH EDITION)



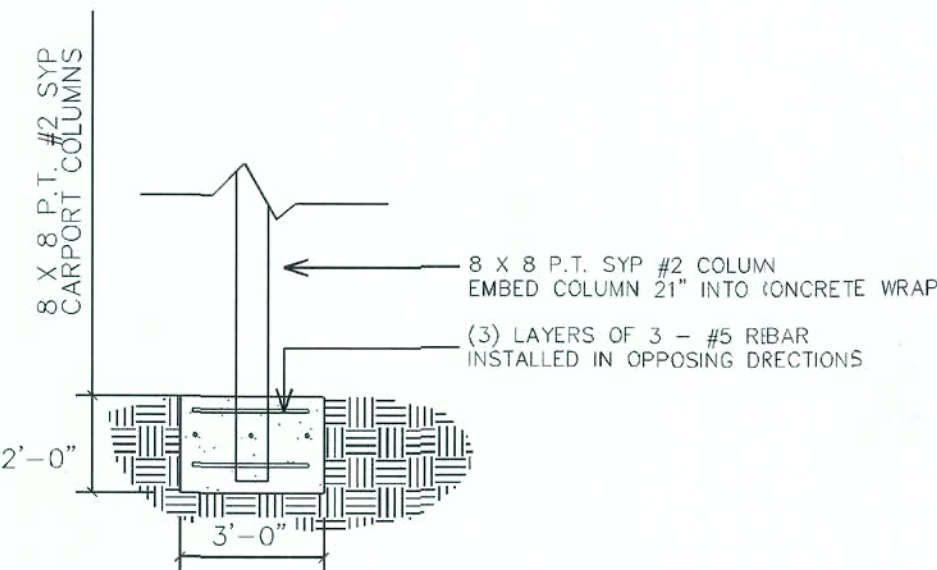
MONOLITHIC FOOTING



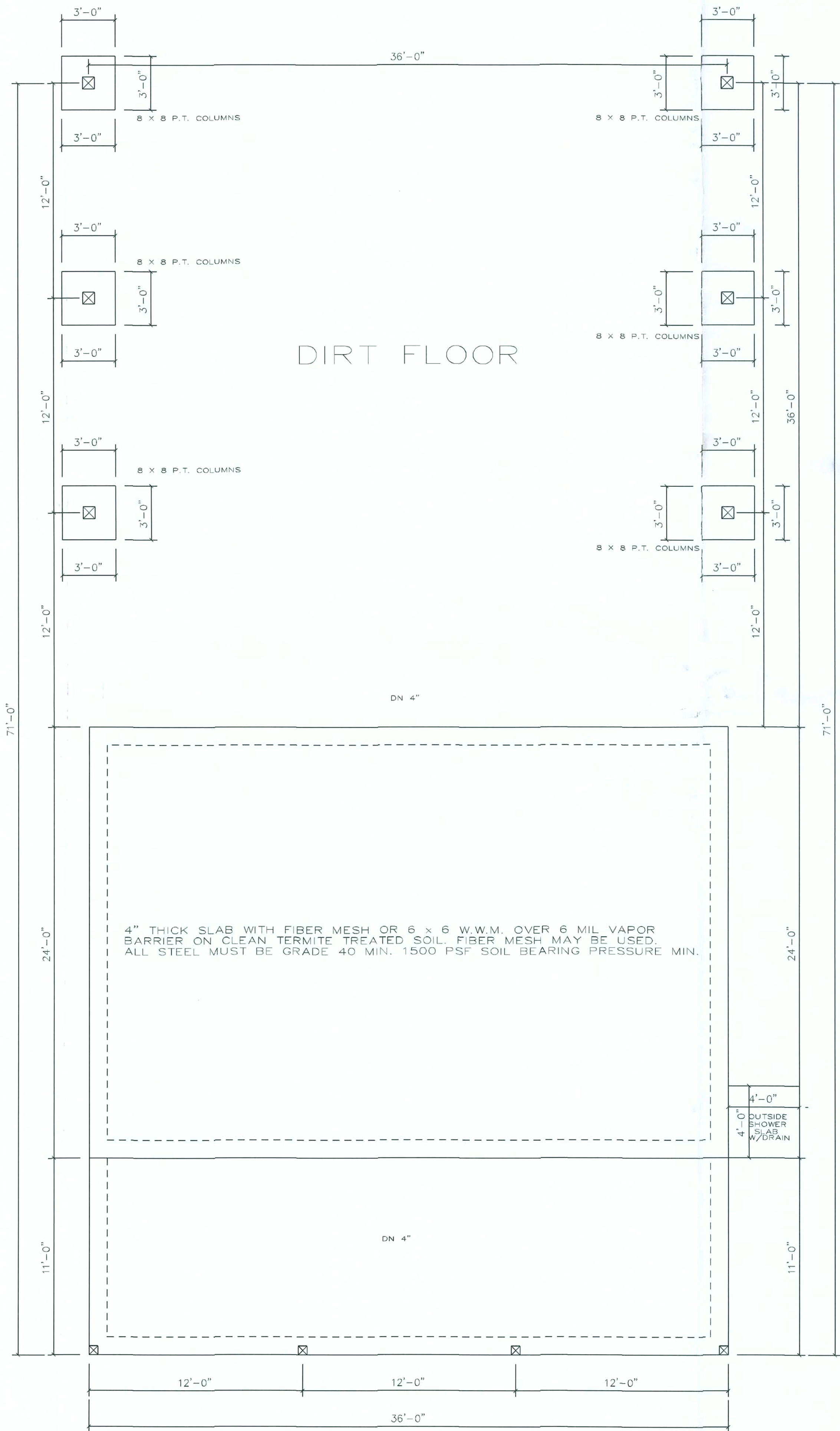
ALTERNATE STEMWALL FOOTING



TYPICAL STEPPED SLAB
FRONT PORCH AREA



COLUMN WRAP FOOTINGS

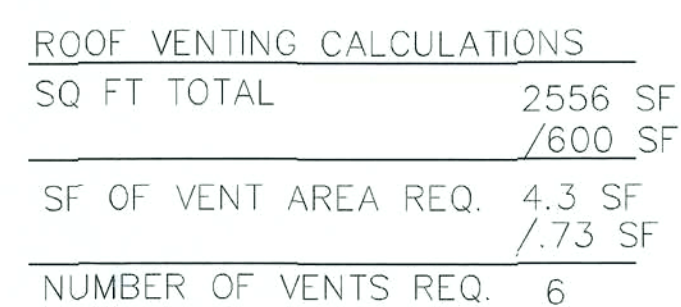


JACOB ESKRIDGE
DRAFTING & DESIGNS
(386) 462 - 1340
ALACHUA, FLORIDA

MIKE & BRENDA HARTZOG GARAGE
PARCEL #01524-26-000
COLUMBIA COUNTY, FLORIDA

FOUNDATION PLAN

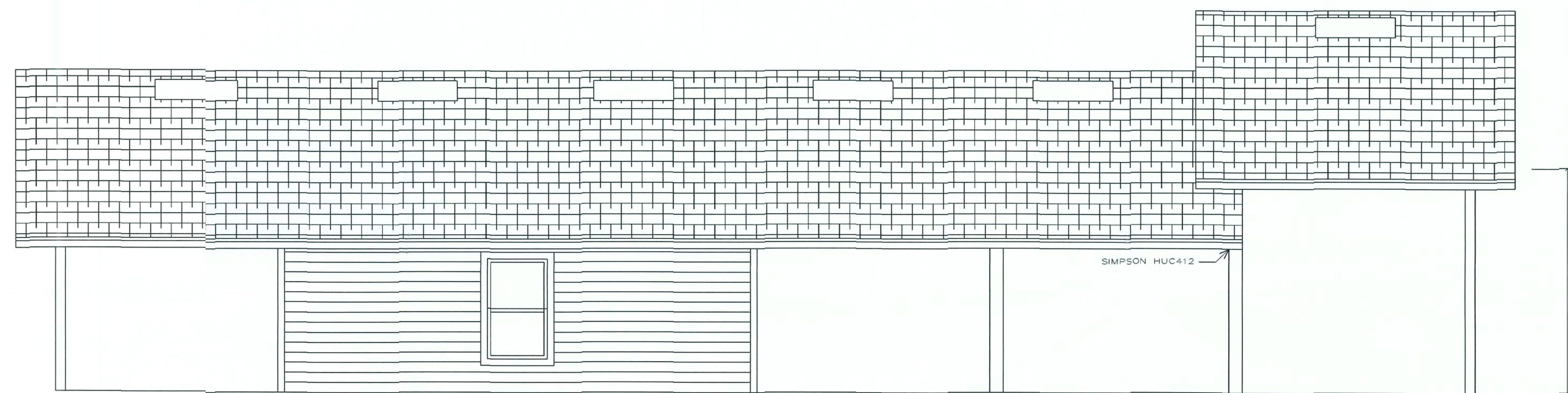
SCALE: 1/4"=1'-0"
REVISIONS
JOB # 19118



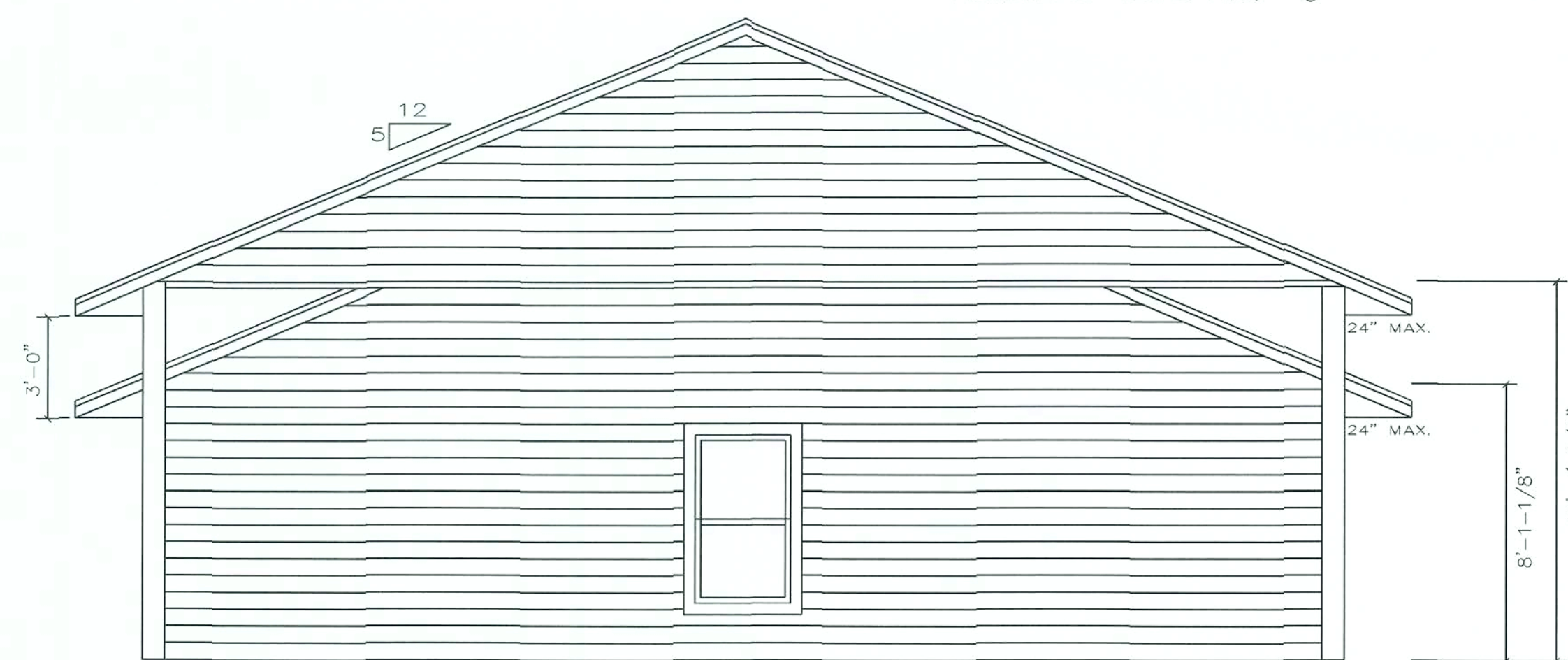
DESIGN CRITERIA		
FL Building Code	2017 Residential	6th Ed.
N.E.C. Electrical		2014
FL Plumbing	2017 Residential	6th Ed.
FL Mechanical	2017 Residential	8th Ed.
Wind load Design	I.B.C.	T.P.I.
Wind Load Design	A.S.C.E. 7-10	
Roof Live Load	20 PSF	
Floor Live Load	40 PSF	
Floor Live Load BRM	30 PSF	



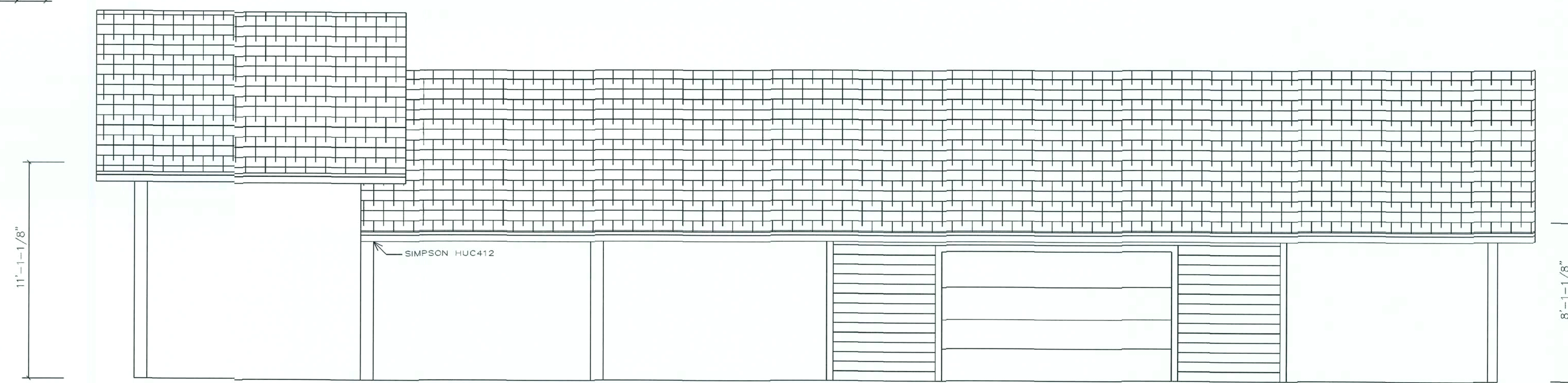
FRONT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



LEFT ELEVATION

CODE STATEMENT:
CODE REQUIREMENTS IN EFFECT AT THE TIME OF DESIGN:
2017 FLORIDA RESIDENTIAL BUILDING CODE(6TH EDITION)

TIE-DOWN TABLES

HEADER STRAPPING					
Uplift Lbs	Top Connector	Rating Lbs	Bottom Connector	Rating Lbs	
to 455	LSTA19	635	H3	320	
to 910	LSTA12	795	2-H3	640	
to 1265	LSTA18	1110	LTT19	1305	
to 1750	2-LSTA12	1810	LTT20	1750	
to 2530	2-LSTA18	2530	HD2A-2.5	2165	
to 2865	3-LSTA18	3255	HD2A-3.5	2865	
to 3700	3-LSTA24	3880	HD5A-3	3130	

Total the uplift for each truss sitting on the header and divide by 2 to determine the uplift on the header. Use proper fasteners sufficient to support required uplift loads.

TRUSSES \ GIRDERS			
Uplift Lbs	Top Connector	Bottom Connector	Rating Lbs
to 535	H2.5A	NA	
to 1015	H10A	NA	
to 1215	TS22	LTT18	1305
to 1750	2-TS22	LTT20	1750
to 2570	2-TS22	HD2A	2775
to 3665	3-TS22	HD5A	4010
to 5420	2-MST37	HTT22	5250
to 8560	2-MST60	HD10A	9540

Two 12d common toenails are required per truss for each bearing point into top side.
It is the contractors responsibility to provide a continuous load path from truss to foundation.

	TOP CONNECTOR	RATING LBS	BOTTOM CONNECTOR	RATING LBS
BEAM SEATS	LSTA18	1110	LTT19	1305
POSTS	2-LSTA18	2220	ABU44	2300

1. Simpson or equivalent hardware may be used. For rating into spaced members, multiply table values by .86.
2. See truss engineering for unique uplift values.
3. This schedule is not meant to be a replacement to the specified values of any manufacturer's values.

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS AS PER TRUSS ENG REQ.
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NDS AS RECOMMENDED BY THE NFPA.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAX. ALLOWABLE STRESS INCREASE FOR ALL LOAD DURATIONS OF TPI RECOMMENDATIONS).
4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE SPECIFIED BY THE TRUSS MANF.
5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY.
6. DESIGN SPECIFICATION FOR LIGHTWEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER TPI
7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANF. IN ACCORDANCE WITH SPECIFIED LOADS AND THE GOVERNING CODES.
8. THE TRUSS MANF. SHALL DETERMINE ALL SPANS, BEARING POINTS AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS CONNECTORS.
1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES; THE MEMBERS OF THESE WALLS MAY NOT NEED TO HAVE CONNECTORS APPLIED. CONSULT THE TRUSS MANF. FOR THE LOCATION OF THESE WALLS.
2. THE CAPACITIES OF THE TRUSS CONNECTORS SPECIFIED BY TRUSS MANF. SHALL BE VERIFIED BY THE CONTRACTOR TO EXCEED THE LOADS IN THE SIGNED AND SEALED TRUSS ENGINEERING.

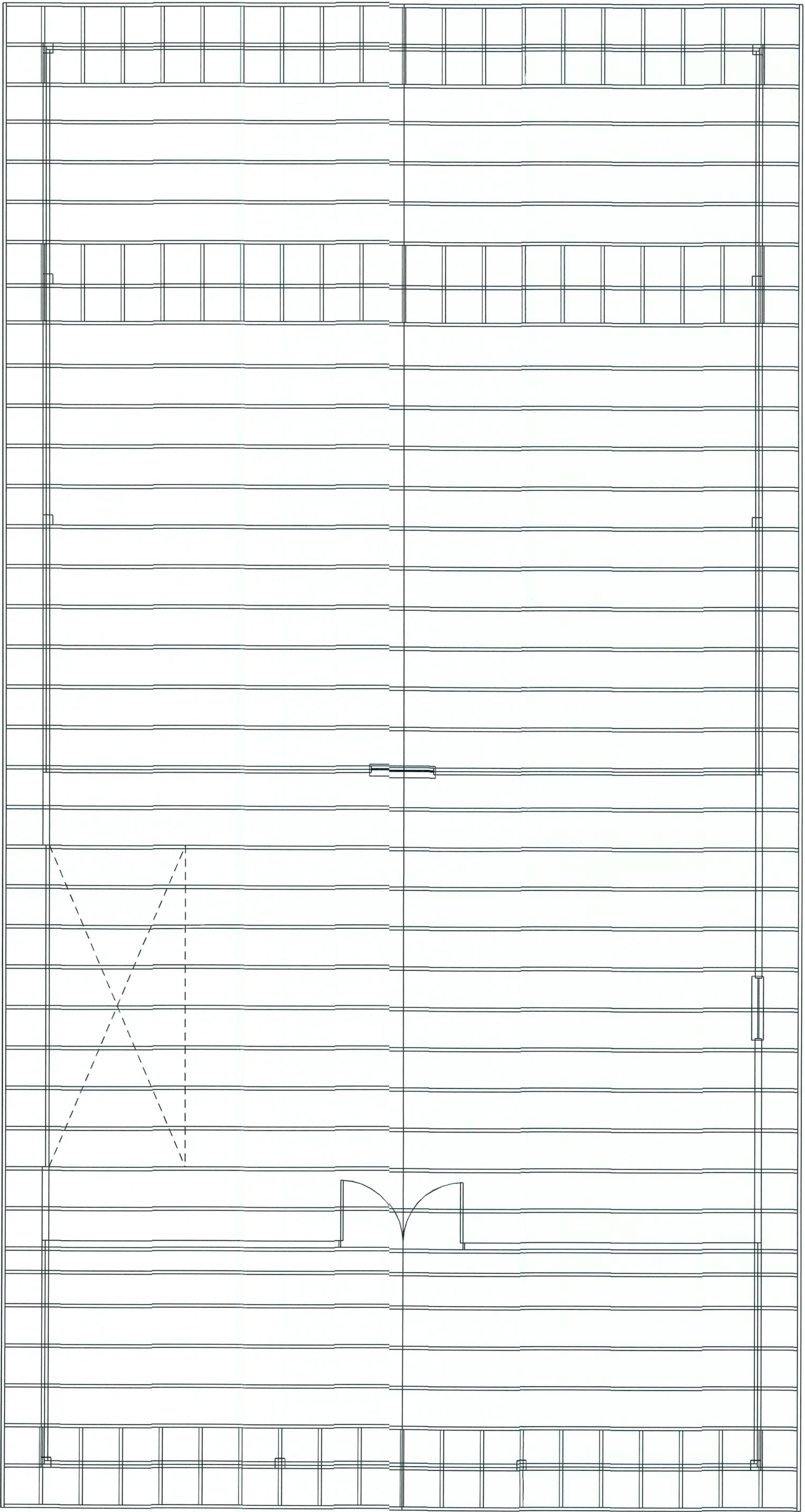
NOTE:
CONTRACTORS TO VERIFY ALL DIMENSIONS, CODES AND STRUCTURAL DESIGNS TO COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION.

Note:
THIS ELECTRICAL PLAN IS A SCHEMATIC WTH SUGGESTED SWITCH, RECEPTACLE AND LIGHT FIXTURE LOCATIONS, DUE TO VARYING LOCAL AND STATE CODES, REGULATIONS, AND STATUTES. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO COMPLY WITH ALL LOCAL AND STATE CODES, REGULATIONS AND STATUTES.

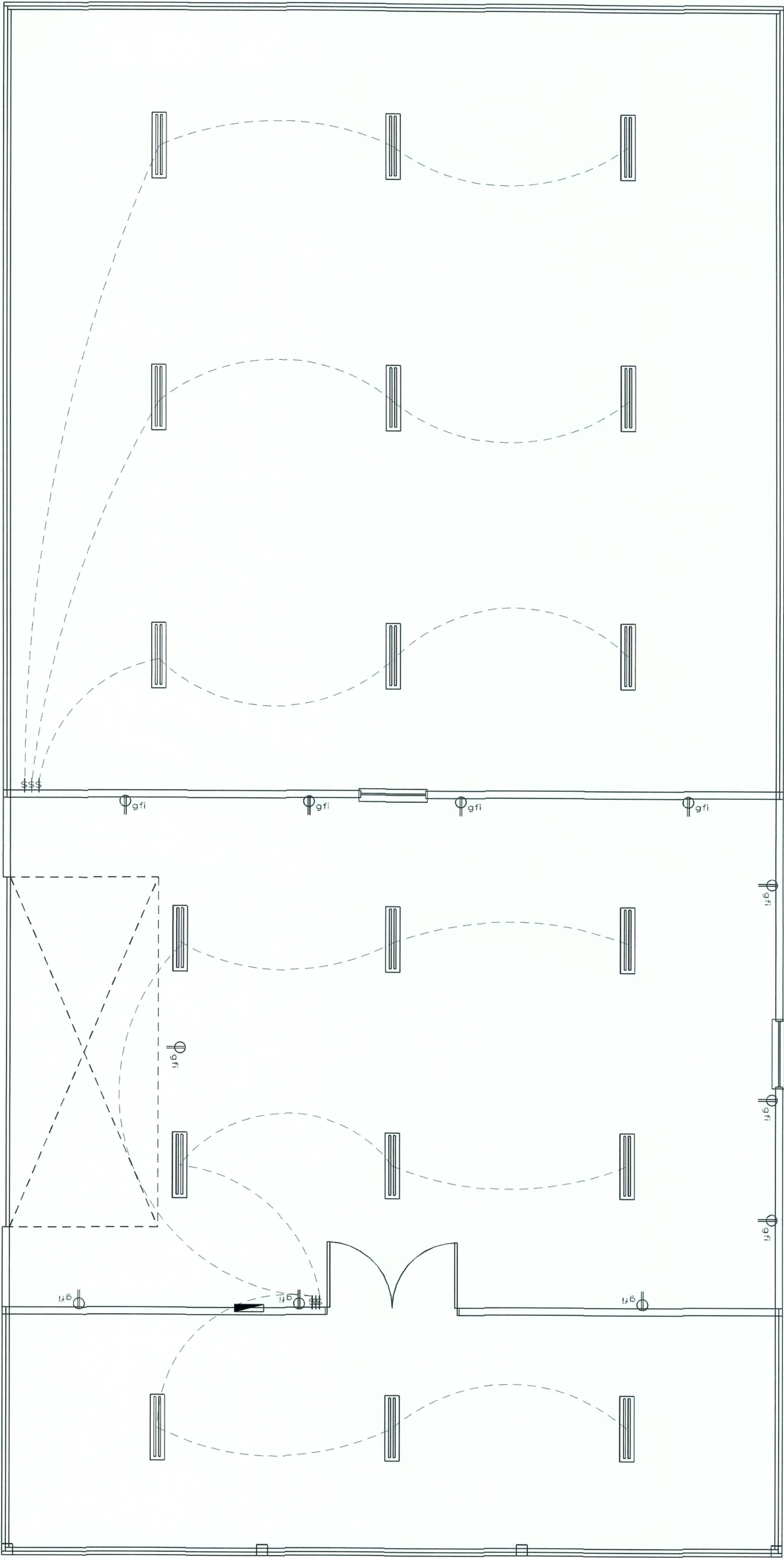
ELECTRICAL NOTES:
INSTALLATION SHALL BE PER 2014 NAT'L. ELECTRIC CODE.

NOTE:
CONTRACTORS TO VERIFY ALL DIMENSIONS, CODES AND STRUCTURAL DESIGNS TO COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION.

LEGEND			
SWITCH	RECEPTACLE	CEILING FAN	
LIGHT FIXTURE	220V OUTLET	CAR LIGHT	
FUSE BOX	FLOURESCENT LIGHT	SMOKE/CARBON MONOXIDE DETECTOR	
EXHAUST FAN	GROUND FAULT INTERRUPT. OUTLET	AIR CONDITIONING COMPRESSOR	
FLOOD LIGHT			



ROOF LAYOUT



ELECTRICAL PLAN