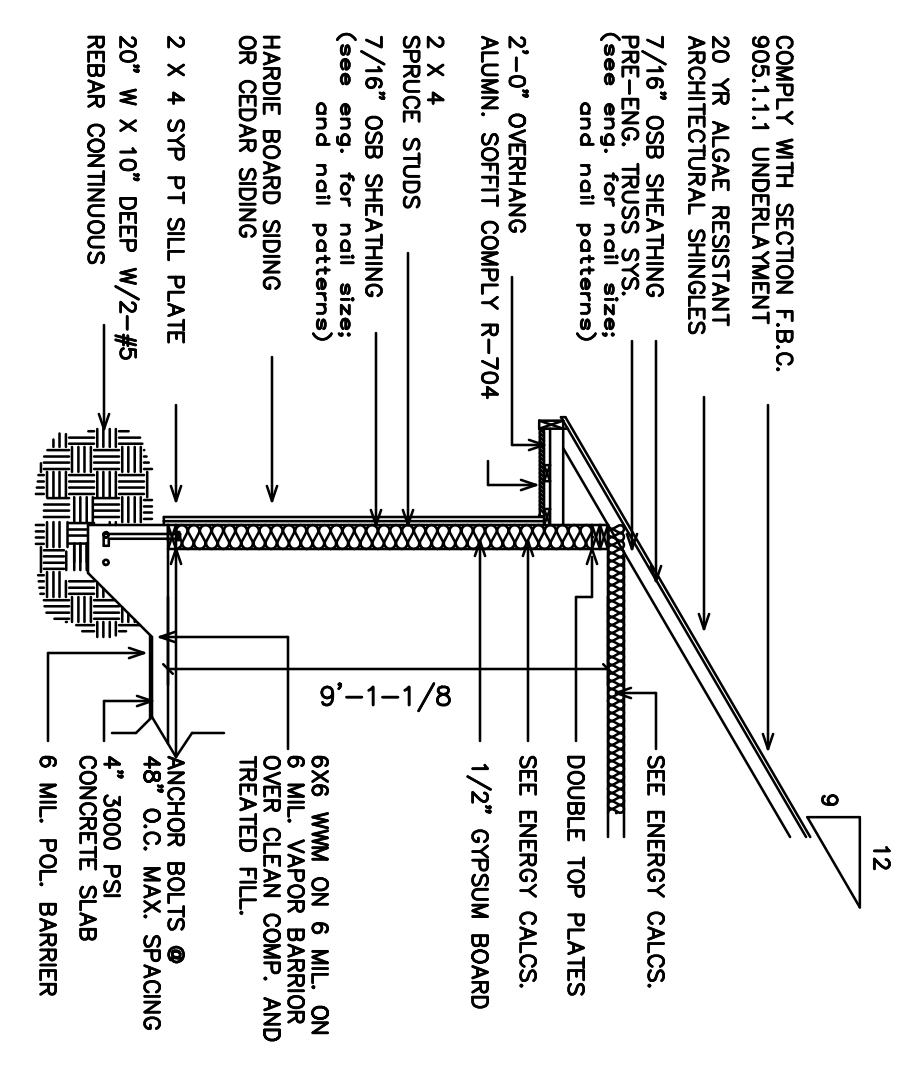
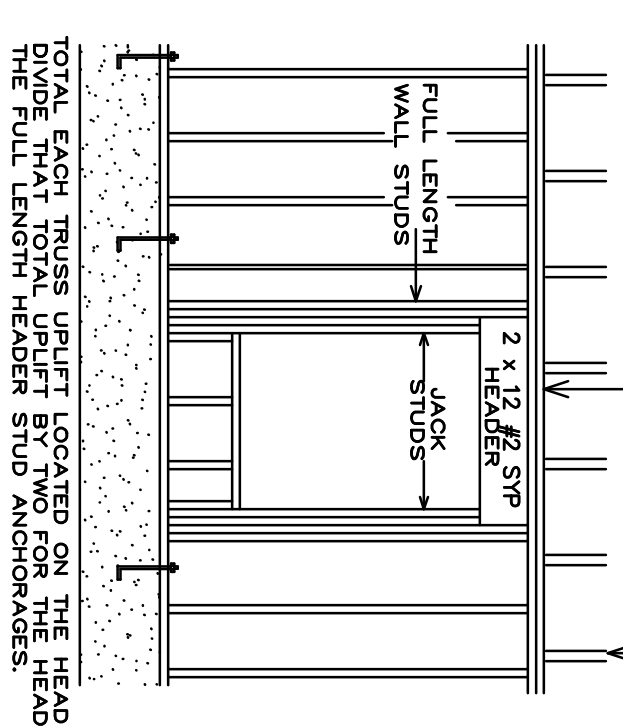


ALL DOORS AND WINDOWS TO BE INSTALLED WITH MANUFACTURERS APPROVED WORKSHIPS AND MUST SUBMIT PRODUCT APPROVALS WITH PERMIT DOCUMENTS.

WALL SECTION



SEE SIGNED AND SEALED TRUSS ENGINEERING FOR REQUIRED ANCHORAGES FROM TRUSS TO TOP PLATE AND BRACING SYSTEM TO BE INSTALLED DOUBLE TOP PLATE



CODE STATEMENT:
CODE REQUIREMENTS IN EFFECT AT THE TIME OF DESIGN:
2020 FLORIDA RESIDENTIAL BUILDING CODE(7TH EDITION)

HEADER SCHEDULE

HEADER ID.	HEADER SIZE	QTY
H-1	(2) PLY 2 X 12 #2 SYP HEADER	3
H-2	(2) PLY 2 X 12 #2 SYP HEADER	3
H-3	(2) PLY 2 X 12 #2 SYP HEADER	1
H-4	(2) PLY 2 X 12 #2 SYP HEADER	4
H-5	(2) PLY 2 X 12 #2 SYP HEADER	2
H-6	(2) PLY 2 X 12 #2 SYP HEADER	3
H-7	(2) PLY 2 X 12 #2 SYP HEADER	1
H-8	(2) PLY 2 X 12 #2 SYP HEADER	1
H-9	(2) PLY 2 X 12 #2 SYP HEADER	1
H-10	(2) PLY 2 X 12 #2 SYP HEADER	1
H-11	(2) PLY 2 X 12 #2 SYP HEADER	1
H-12	(2) PLY 2 X 12 #2 SYP HEADER	1
H-13	(2) PLY 2 X 12 #2 SYP HEADER	1
H-14	(2) PLY 2 X 12 #2 SYP HEADER	1

SYP = 750 F.B. / 1,400,000 M.E.

FLOOR PLAN

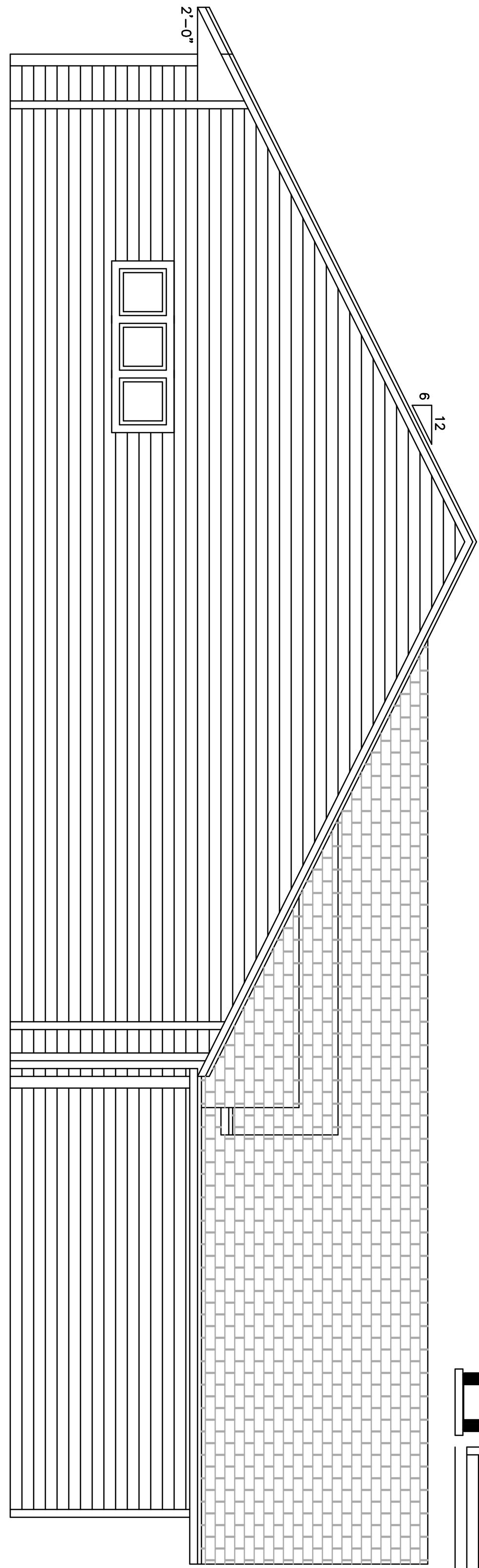
SCALE: 1/4"=1'-0"
8/17/23 JOB# 23068

LIVING AREA	1843 S.F.
FRONT ENTRY	125 S.F.
COVERED LANAI	222 S.F.
GARAGE	526 S.F.
TOTAL AREA	2716 S.F.

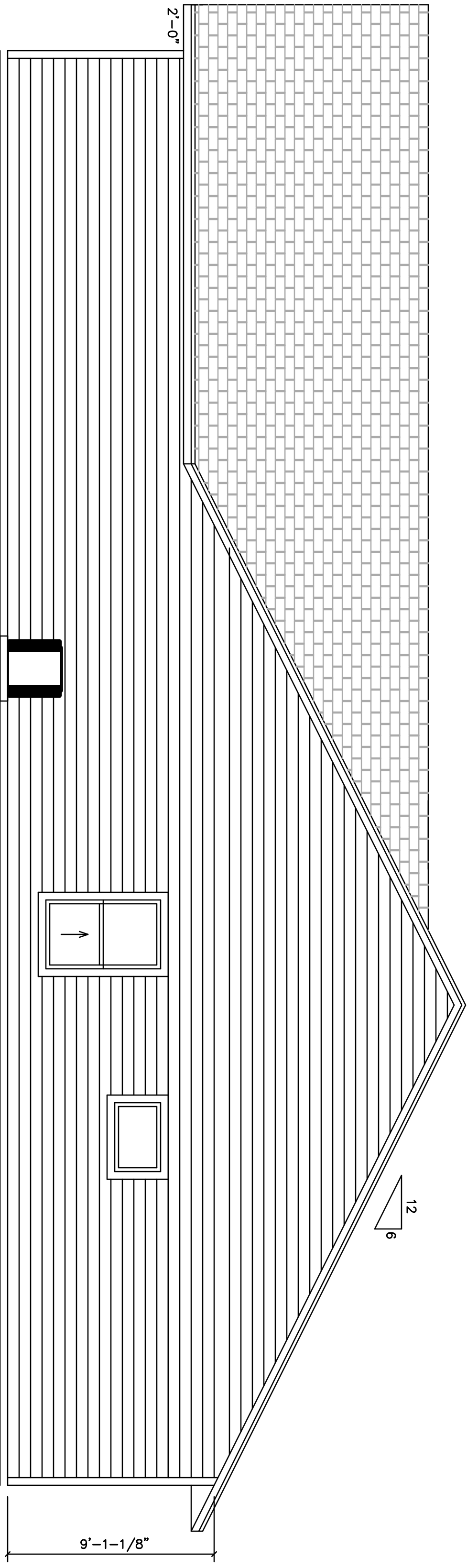
DWC CONSTRUCTION
THORNWOOD \ LOT 8
ALACHUA COUNTY, FLORIDA

JACOB ESKRIDGE
jacobeskridge@yahoo.com
DRAFTING & DESIGNS
14105 MAIN STREET
ALACHUA, FLORIDA
386-462-1340

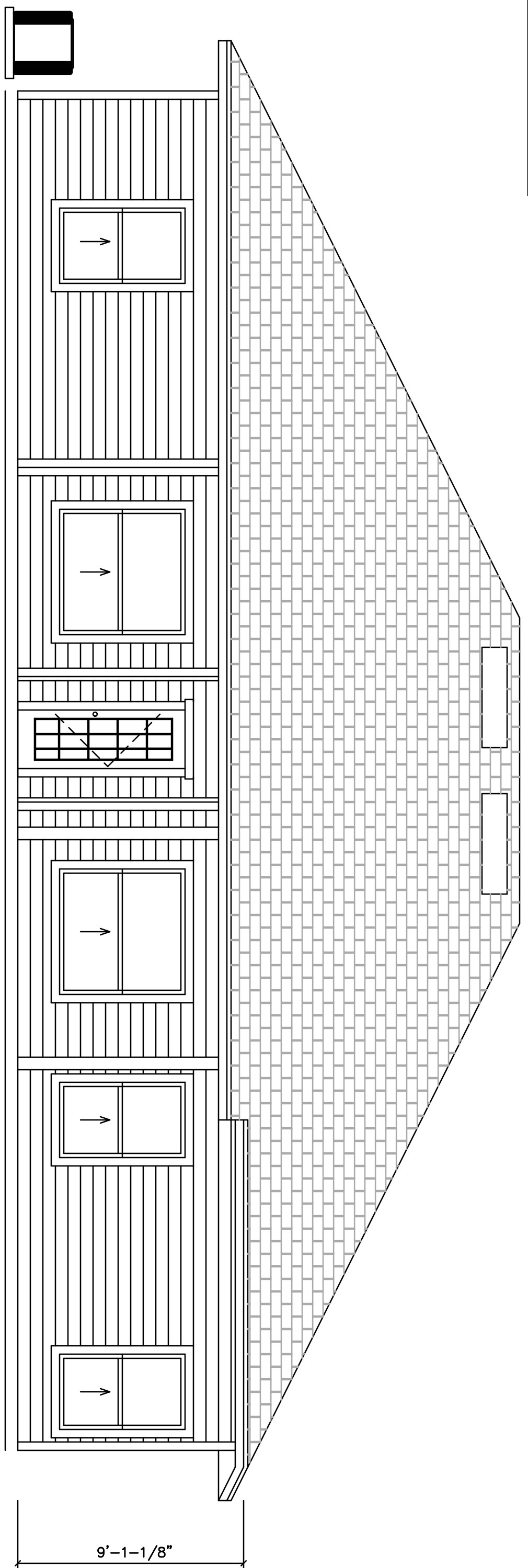
LEFT ELEVATION



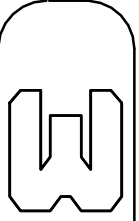
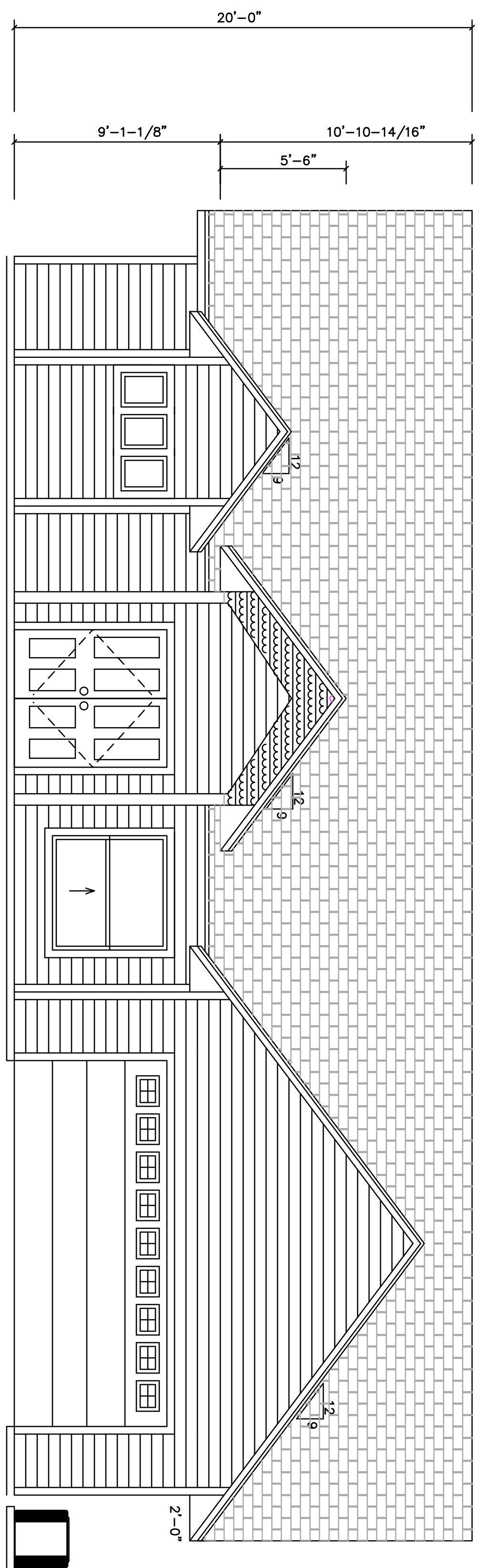
RIGHT ELEVATION



REAR ELEVATION



FRONT ELEVATION

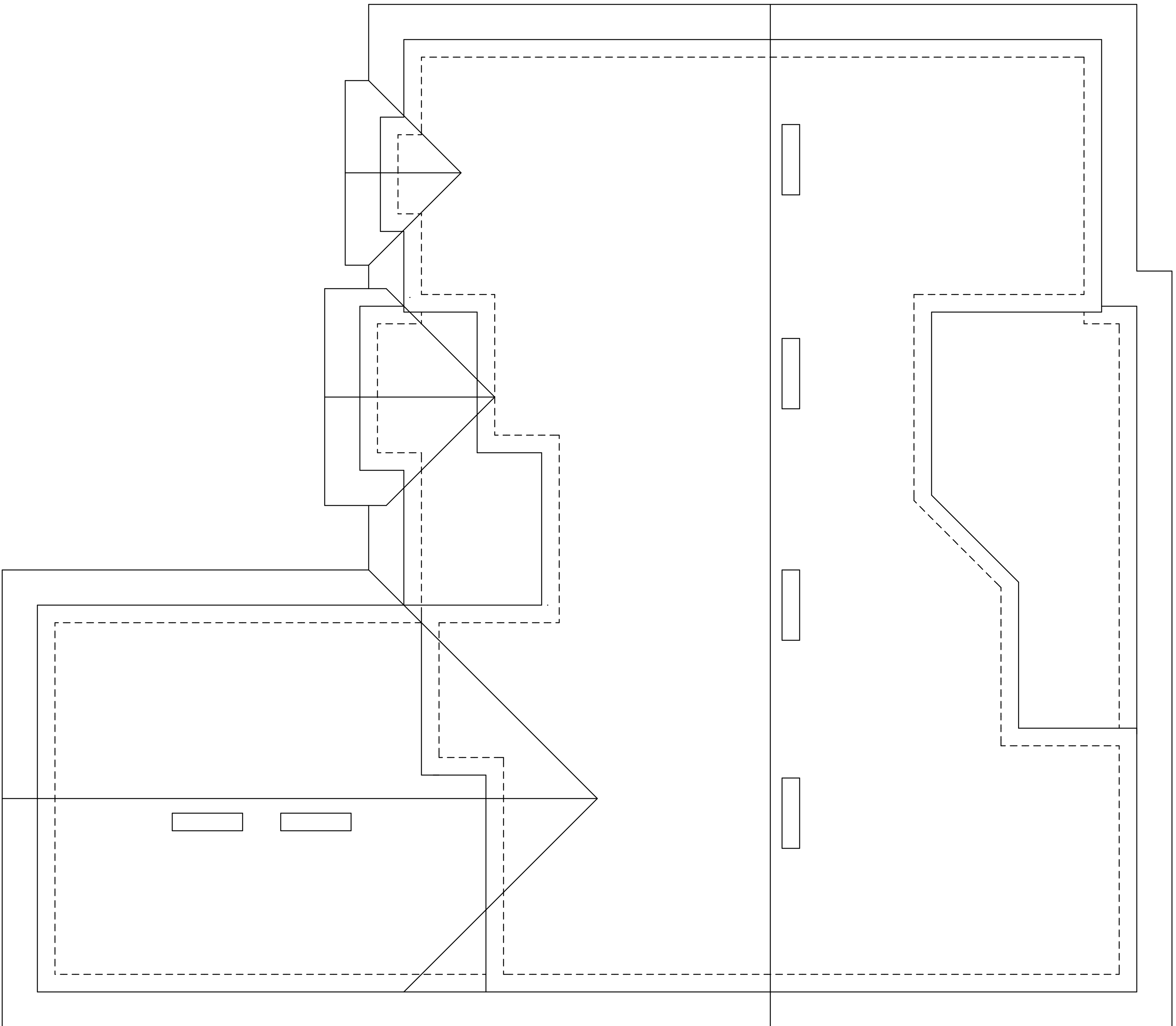


ELEVATIONS

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

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 jacobeskridge@yahoo.com
 DRAFTING & DESIGNS
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 ALACHUA, FLORIDA
 386-462-1340



THE-DOWN TABLES

HEADER STRAPPING

Uplift Lst	Top Connector	Rating Lst	Bottom Connector	Rating Lst
to 455	LSTV18	635	143	320
to 810	LSTV12	790	2-142	640
to 1265	LSTV18	1110	LTR9	1305
to 1720	2-LSTV12	1810	LTR9	1750
to 2230	2-LSTV18	2250	H23A-2.5	2185
to 2845	3-LSTV18	3285	H23A-3.5	2885
to 3700	3-LSTV24	3860	H25A-3	3130

Total the uplift for each truss acting on the header and divide by 2 to determine uplift/rod. Use proper bolt schedule without to support required.

TRUSSES \ GIRDERS

Uplift Lst	Top Connector	Bottom Connector	Rating Lst
to 835	H23A	NA	NA
to 1015	H20A	NA	1305
to 1515	H22	LTT19	1750
to 1720	2-H22	H22A	2775
to 2570	2-H22	H22A	4010
to 3655	3-H22	H22A	5250
to 5420	3-H27	H27A	5250
to 8280	3-H30	H30A	5250

Two 1/2" common ties/rods are required per truss for each bearing point into top plate. Use proper bolt schedule without to support required. Use proper bolt schedule without to support required.

ROOF VENT CALCS
TOTAL S.F. 2716
VENT AREA 4.6 / 73
VENT REQ 6.0

1. SIZE OF EQUIVALENT SQUARE MAY BE USED.
2. SEE TRUSS ENGINEERING FOR ANCHOR UPLIFT VALUES.
3. THIS SCHEDULE IS NOT MEANT TO BE A SUBSTITUTE FOR ANY MANUFACTURER'S VALUES.

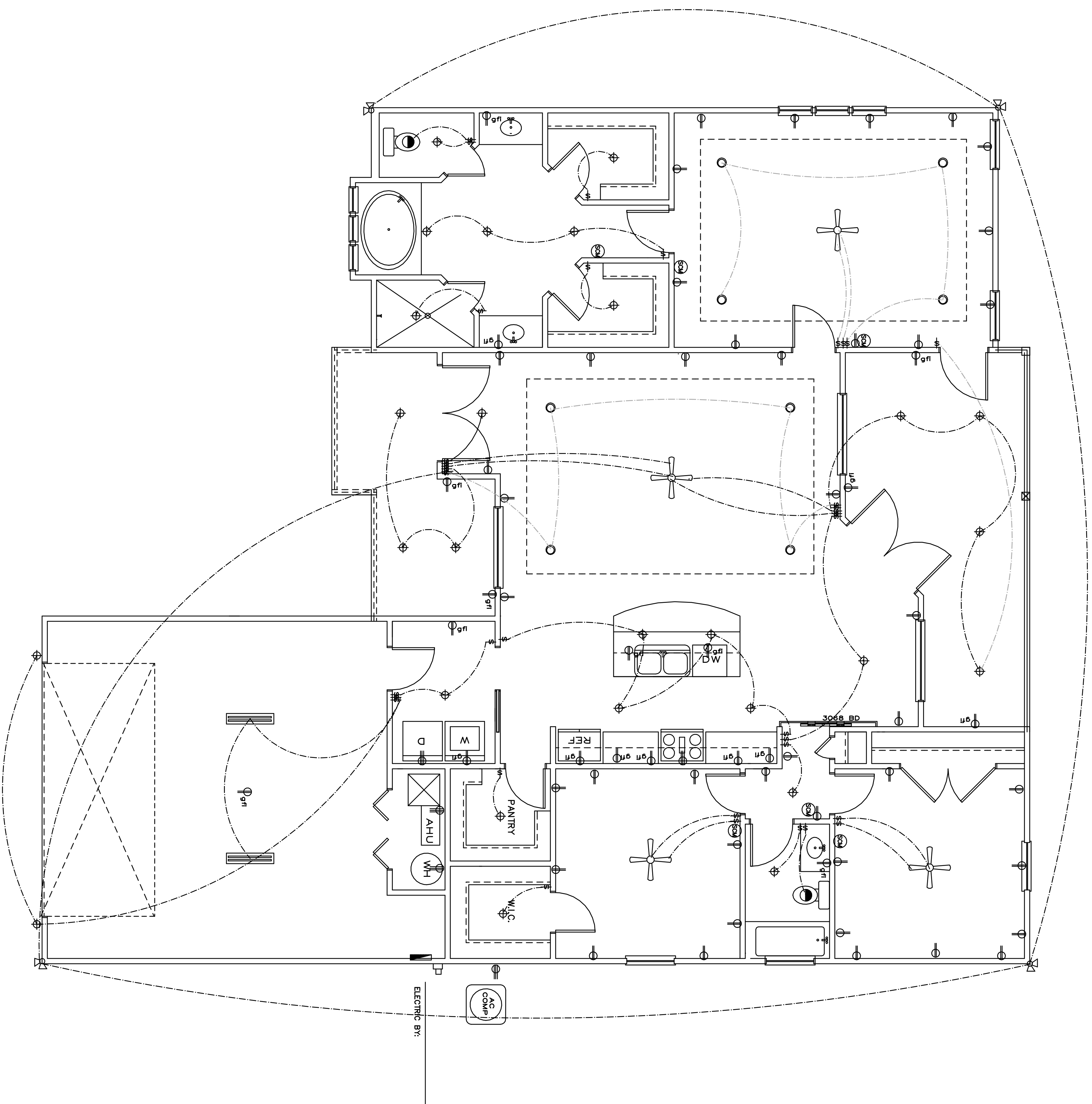
PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS PER TRUSS ENG REQ.
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NDS AS RECOMMENDED BY THE NPFA.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAX. ALLOWABLE STRESS INCREASE FOR ALL LOADS) TO SUPPORT THE DESIGNER SPECIFIED TRUSS MANF. LOADS.
4. BRACING FOR PREFABRICATED 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 TO PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANF. IN ACCORDANCE WITH SPECIFIED LOADS AND THE GOVERNING CODES.
7. THE TRUSS MANF. SHALL DETERMINE ALL SPANS, BEARING POINTS AND BRACING REQUIREMENTS FOR ALL TRUSSES TO TRUSS CONNECTORS.
8. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE REQUIRED ON MEMBERS IN ALL BEARING WALLS EXCEPT A WALLS 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.
9. TRUSS CONNECTORS SPECIFIED BY THE TRUSS MANF. SHALL BE VERIFIED BY THE CONTRACTOR TO EXCEED THE LOADS IN THE SIGNED AND SEALED TRUSS ENGINEERING.

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

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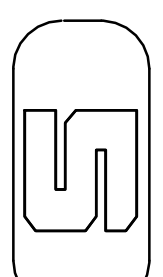
ELECTRICAL LEGEND	
	FLOOD LIGHT
	A.F. 110V ELECT. OUTLET 18" ABOVE FISH FLOOR TYPE
	GROUND FAULT INTERRUPTER
	220V ELECT. OUTLET
	LIGHT
	EXHAUST FAN
	SMOKE/CARBON MONOXIDE DETECTOR
	200 AMP ELECT. PANEL
	110V FLO. LIGHT
	110V CEILING FAN W/LIGHT
	DIM LIGHT
	AIR CONDITIONING COMPRESSOR

SMOKE DETECTORS TO BE WIRED W/ BATTERY BACKUPS AS REQUIRED TO BE ARC-Fault Outlets to be Circuit-ALTER TO BE GFI. ALL EXTERIOR OUTLETS TO BE UNDERGROUND.

NOTES:
 ALL WORK SHALL COMPLY WITH THE 2017 NEC AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES. ALL SMOKE DETECTORS TO BE WIRED TOGETHER TO ACTIVATE AS ONE UNIT. PROVIDE GFI OUTLETS AT BATHROOMS, KITCHEN, EXTERIOR AND ANY WET AREA OUTLETS. OUTLETS SUPPLYING POWER TO THE STOVE, RANGE, A/C, WATER HEATER, DRYER AND DISH WASHER ARE TO BE WIRED ON SEPARATE DEDICATED CIRCUITS.

Note:
 THIS ELECTRICAL PLAN IS A SCHEMATIC WITH 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 2017 NAT'L. ELECTRIC CODE. WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
 SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARM SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND 2034. R314.11
 ANY BUILDINGS HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE OR AN ATTACHED GARAGE SHALL HAVE CARBON MONOXIDE DETECTORS WITHIN 10' OF EACH ROOM USED FOR SLEEPING PURPOSES. R315.1
 TELEPHONE, TELEVISION, AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NEC-LATEST EDITION 2017 NEC. ALL BEDROOM RECEPTACLES SHALL BE AFCI, 2017 (ARC FAULT CIRCUIT INTERRUPT)

NOTE: ALL 15 AND 20 AMP BRANCH CIRCUITS THAT SUPPLY 120 VOLT OUTLETS IN HABITABLE ROOMS SHALL BE ARC FAULT PROTECTED (AFP)



ELECTRICAL PLAN
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