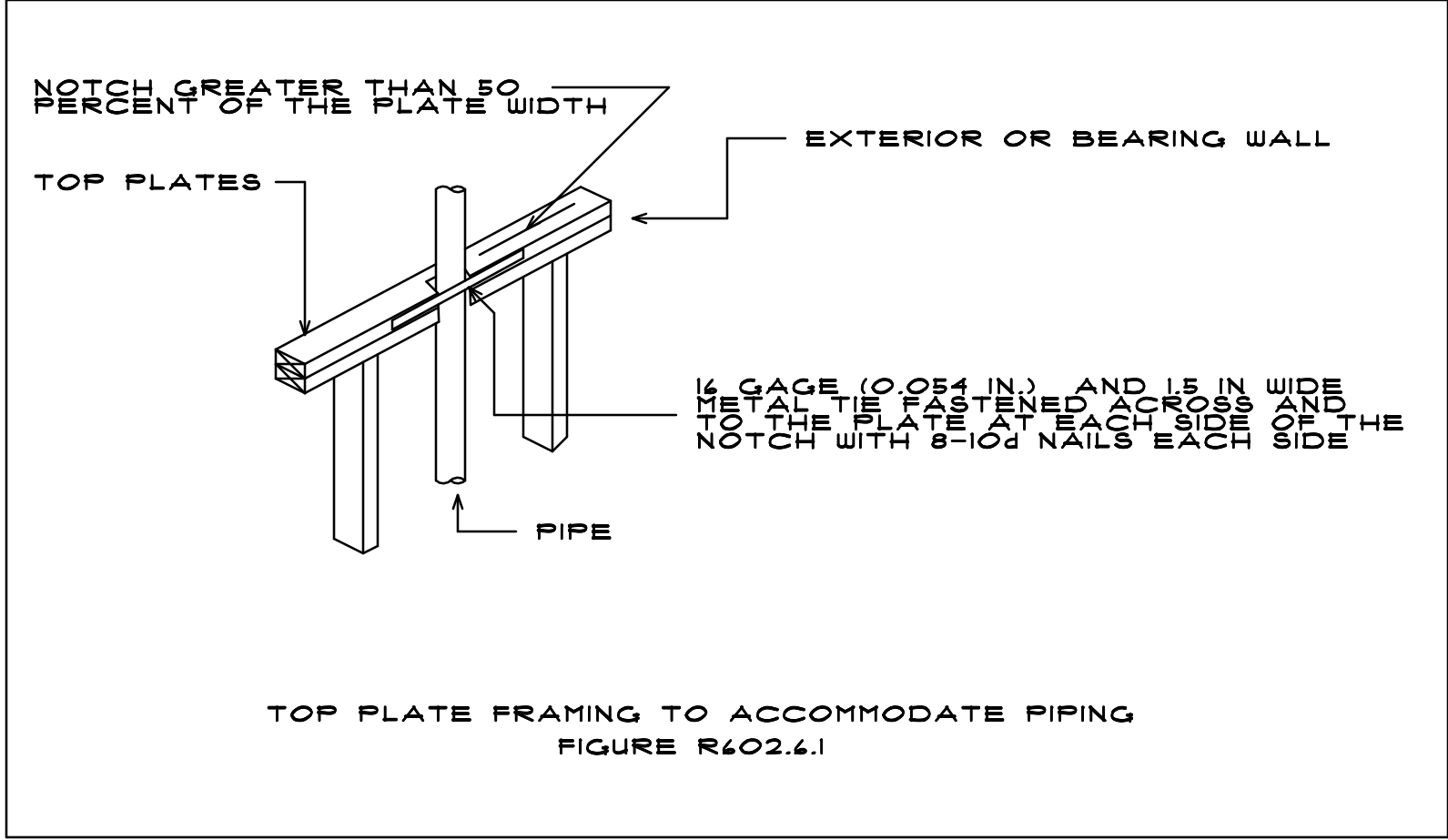
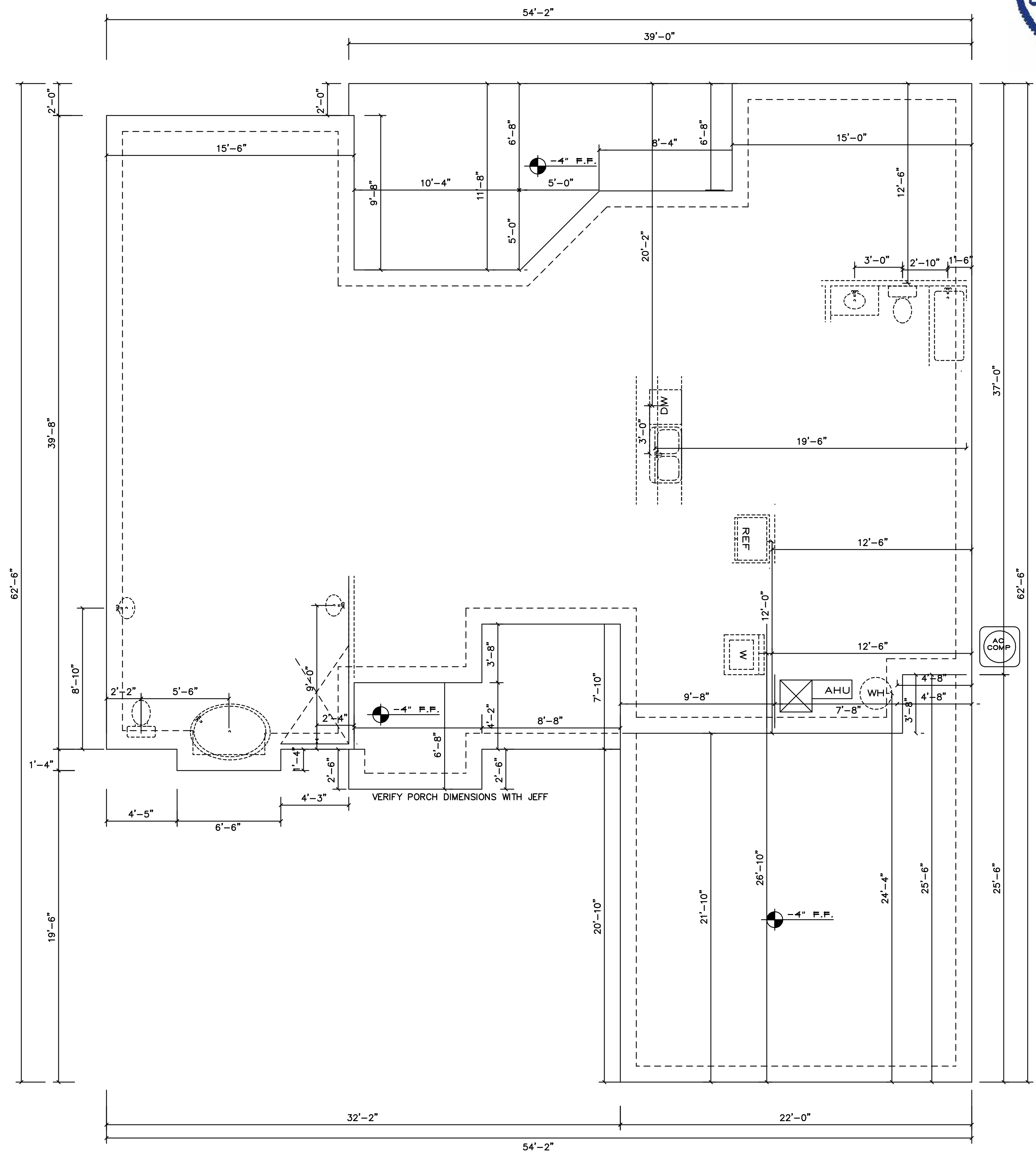


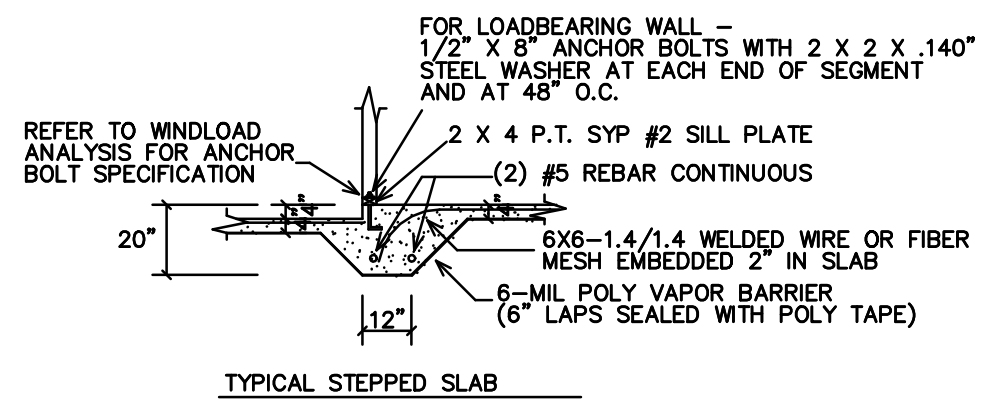
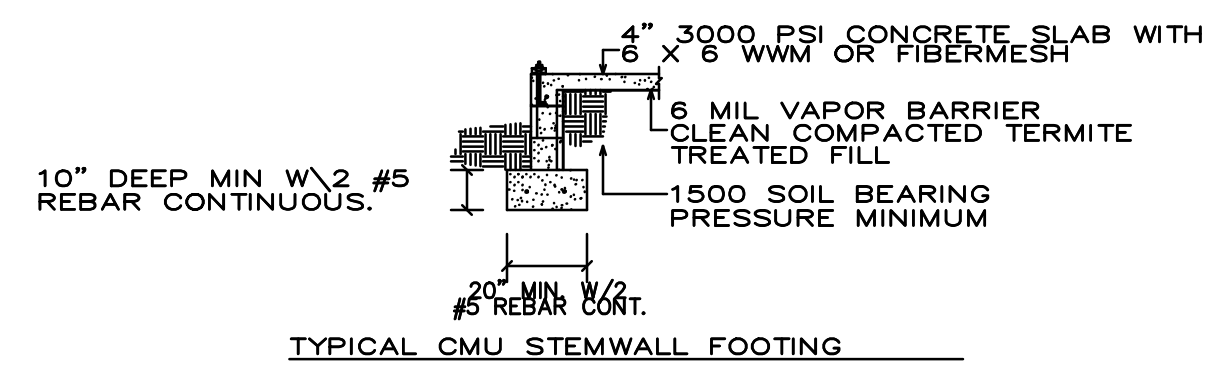
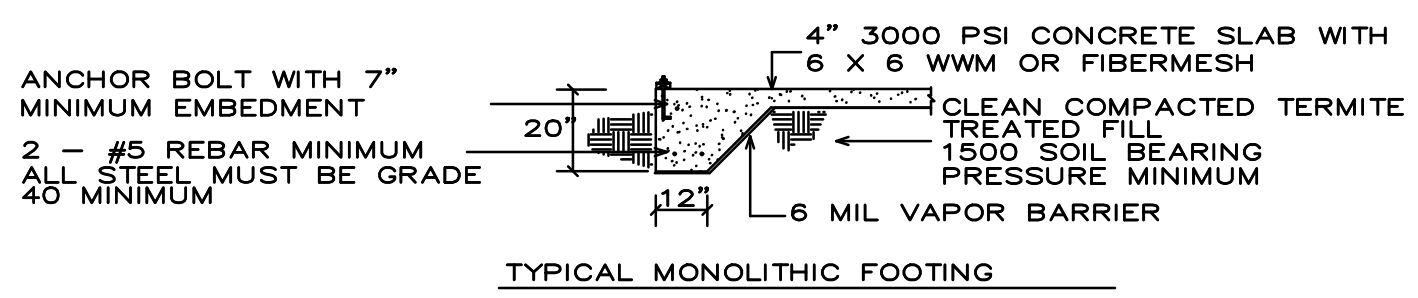


**FOUNDATION NOTES**

4" THICK SLAB WITH FIBER MESH OR 4 x 4 W.W.M. OVER 4 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 4' O.C. MAX. SPACING. 10" DEEP X 20" WIDE WITH (2) 5 REBAR CONT. STEMWALL FOOTING. THICKEN EDGE OF MONOLITHIC SLAB TO 12" WIDE X 20" DEEP WITH (2) #5 REBAR CONTINUOUS.

CONTRACTORS TO VERIFY ALL DIMENSIONS, CODES AND DESIGNS TO COMPLY WITH AUTHORITIES HAVING JURISDICTION. VERIFY ALL FOOTINGS WITH CONTRACTOR'S TRUSS LAYOUT AND TRUSS COMPANY'S TRUSS LAYOUT.

**CODE STATEMENT:**  
CODE REQUIREMENTS IN EFFECT AT THE TIME OF DESIGN:  
2020 FLORIDA RESIDENTIAL BUILDING CODE  
IF SOIL CONDITIONS IN THIS PROJECT DO NOT MEET OR EXCEED THE MIN. 1500 PSF SOIL BEARING CAPACITY THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER PRIOR TO POURING OF THE PADS FOR VERIFICATION OF THE PAD DESIGNS. THE SOIL IS TO BE COMPACTED TO BE AT LEAST 95% OF MAX. OF MAX. DRY DENSITY AS AS DETERMINED BY ASTM-1557 (modified proctor)



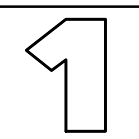
| DESIGN CRITERIA           |                   |      |
|---------------------------|-------------------|------|
| F.B.C.                    | RESIDENTIAL       | 2020 |
| WIND LOAD DESIGN          | ASCE 7-14         | 2020 |
| FL. PLUMBING              | F.B.C.            | 2020 |
| FLOOR LIVE LOAD           | 40 P.S.F.         | 2020 |
| ROOF LIVE LOAD            | 20 P.S.F.         | 2020 |
| FL. ELECTRICAL            | NAT'L ELECT. CODE | 2017 |
| MECHANICAL                | F.B.C.            | 2020 |
| F.B.C. 2020 (7TH EDITION) |                   |      |

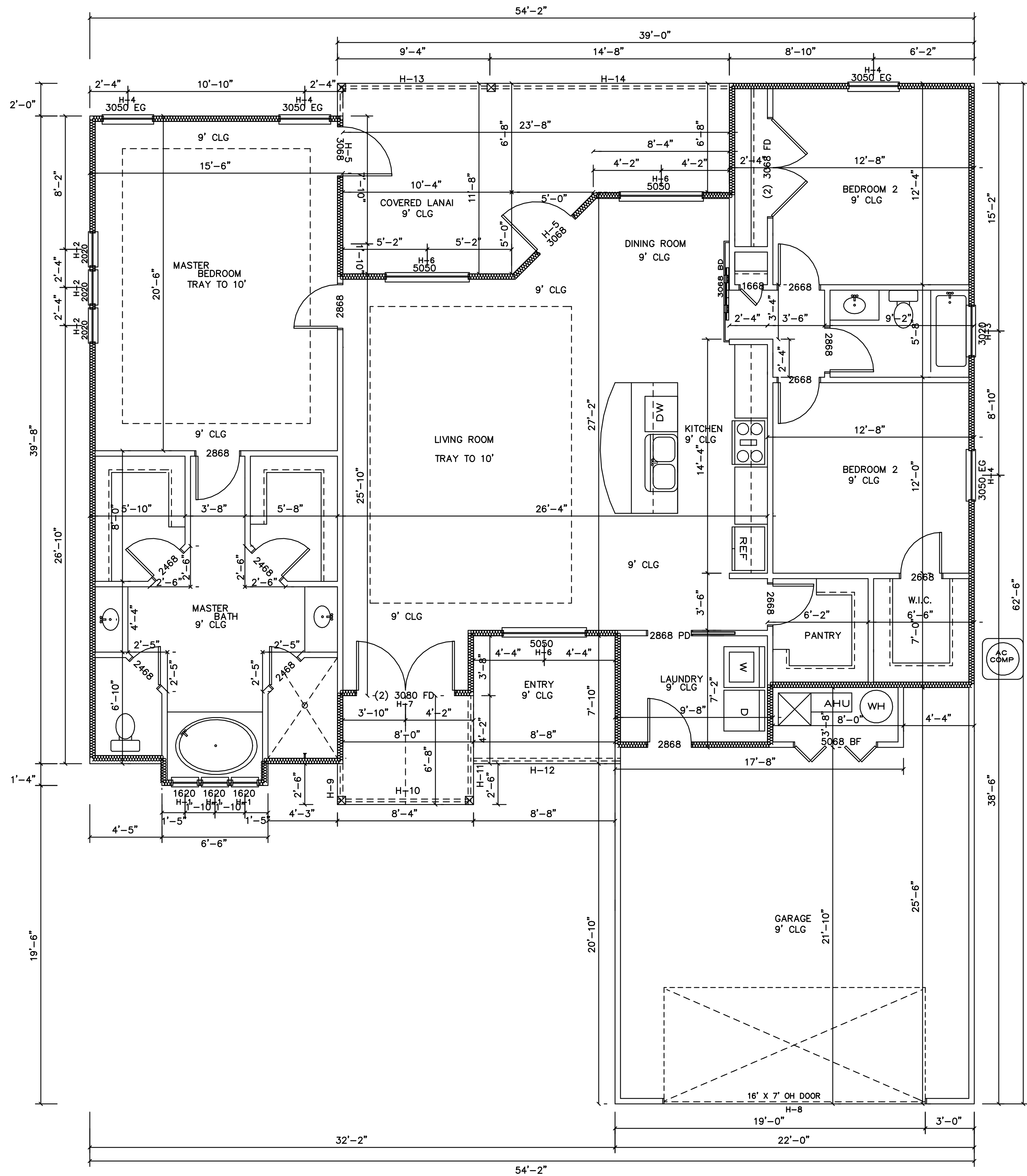
JACOB ESKRIDGE  
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ALACHUA, FLORIDA  
386-462-1340

DWC CONSTRUCTION  
AMELIA LANDING \ LOT 12  
ALACHUA COUNTY, FLORIDA

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

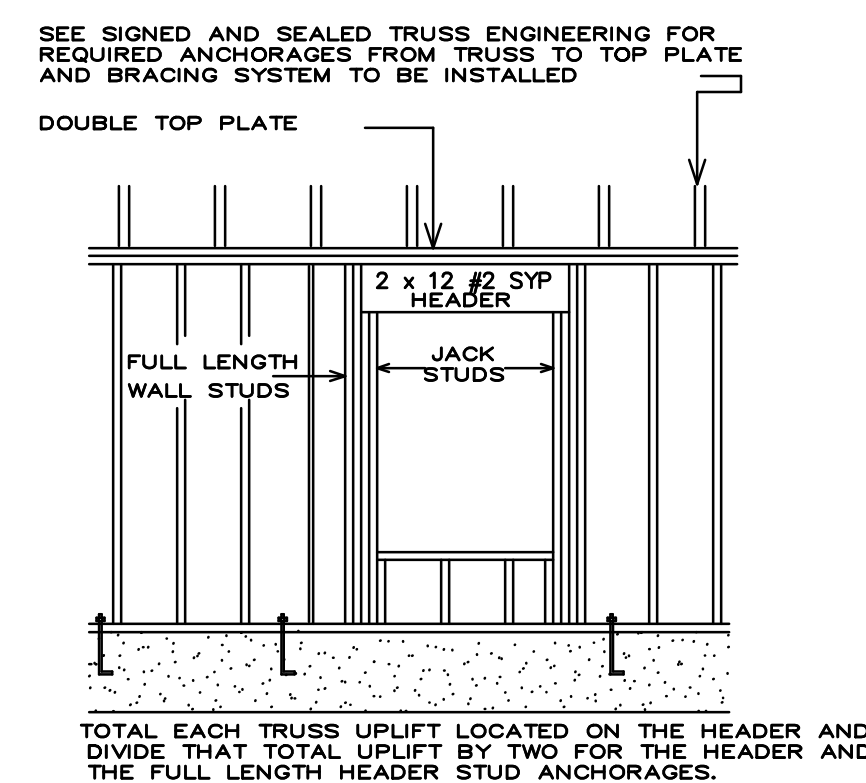
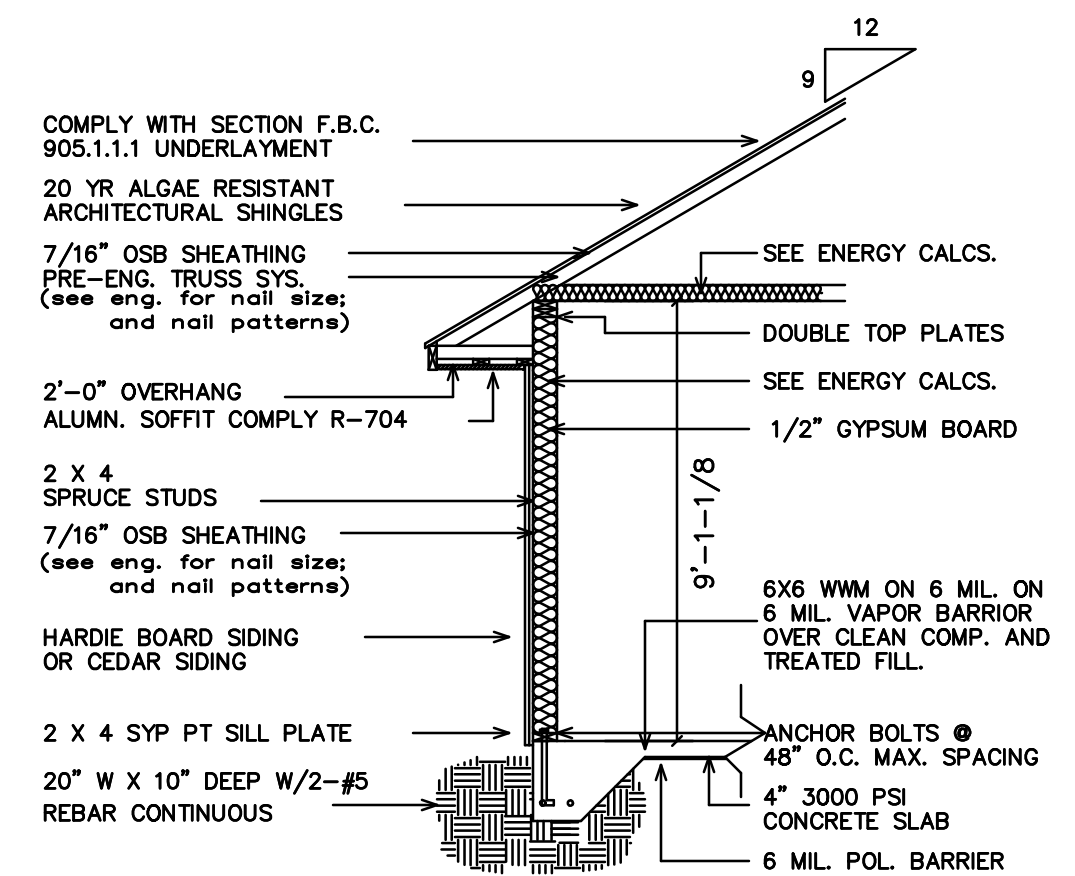
SCALE: 1/4"=1'-0"  
8/17/23 JOB# 23068





ALL DOORS AND WINDOWS TO BE  
INSTALLED WITH MANUFACTURERS  
ATTACHED WORKSHEETS AND MUST  
COMPLY WITH FBC 2020 CODES.  
SUBMIT PRODUCT APPROVALS WITH  
PERMIT DOCUMENTS.

### WALL SECTION



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

### HEADER SCHEDULE

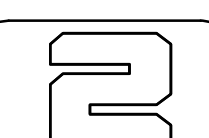
| HEADER I.D. | HEADER SIZE                  | QTY |
|-------------|------------------------------|-----|
| H-1         | (2) PLY 2 X 12 #2 SYP HEADER | 3   |
| H-2         | (2) PLY 2 X 12 #2 SYP HEADER | 3   |
| H-3         | (2) PLY 2 X 12 #2 SYP HEADER | 1   |
| H-4         | (2) PLY 2 X 12 #2 SYP 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   |

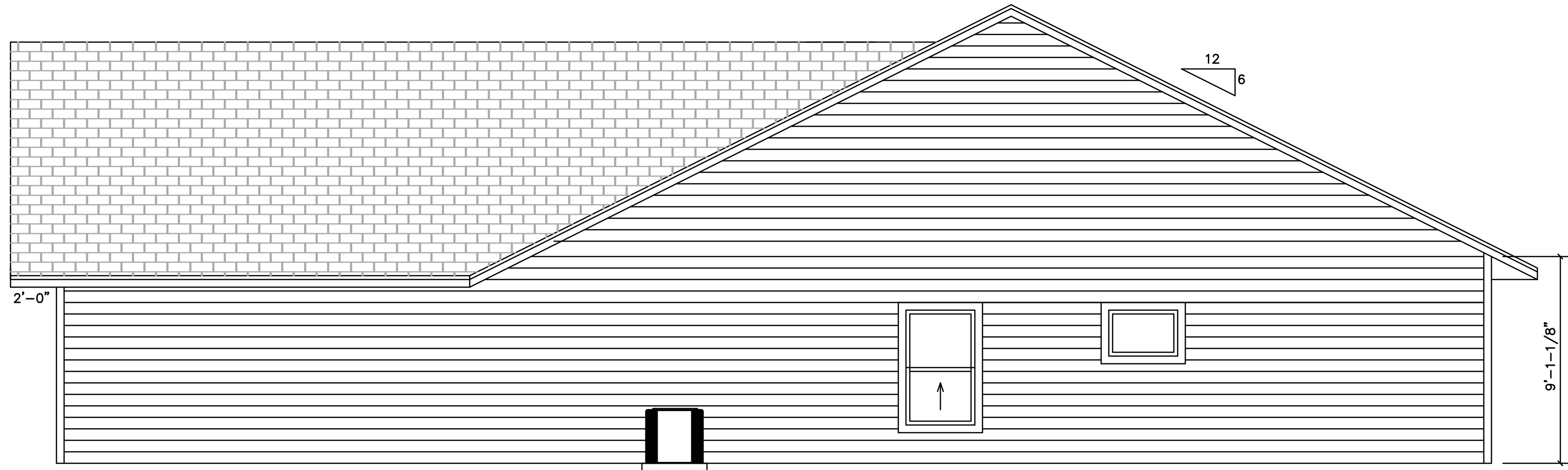
SYP = 750 F.B. / 1,400,000 M.E.

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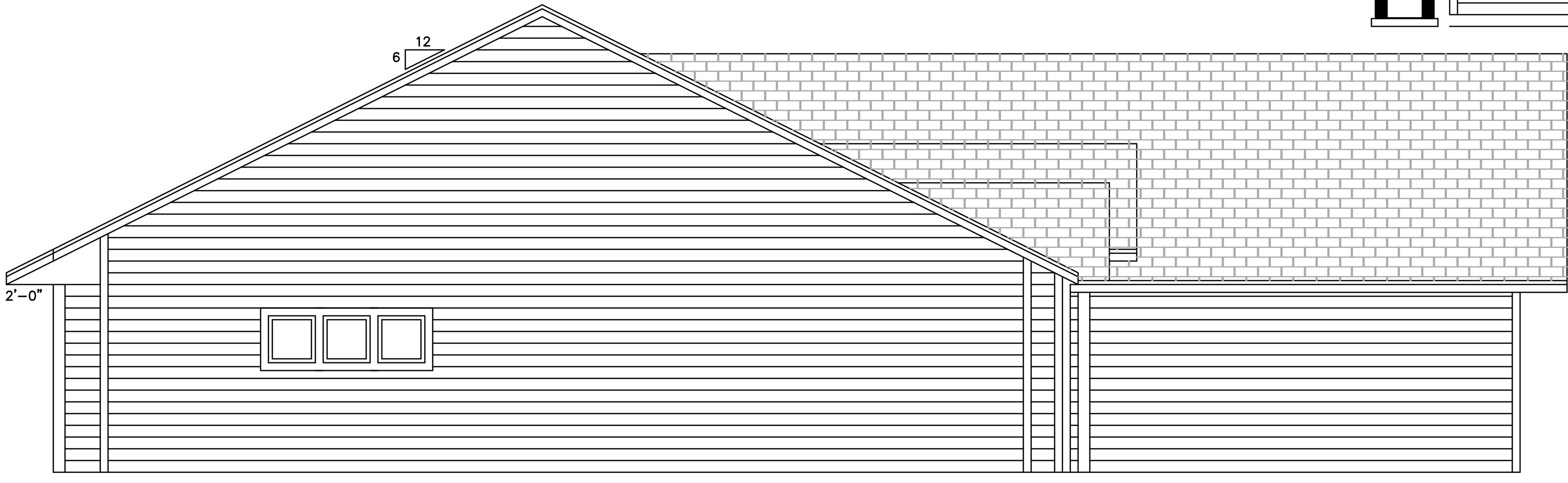
DWC CONSTRUCTION  
AMELIA LANDING, LOT 12  
ALACHUA COUNTY, FLORIDA

|                                                       |               |           |
|-------------------------------------------------------|---------------|-----------|
| FLOOR PLAN<br>SCALE: 1/4"=1'-0"<br>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. |





RIGHT ELEVATION



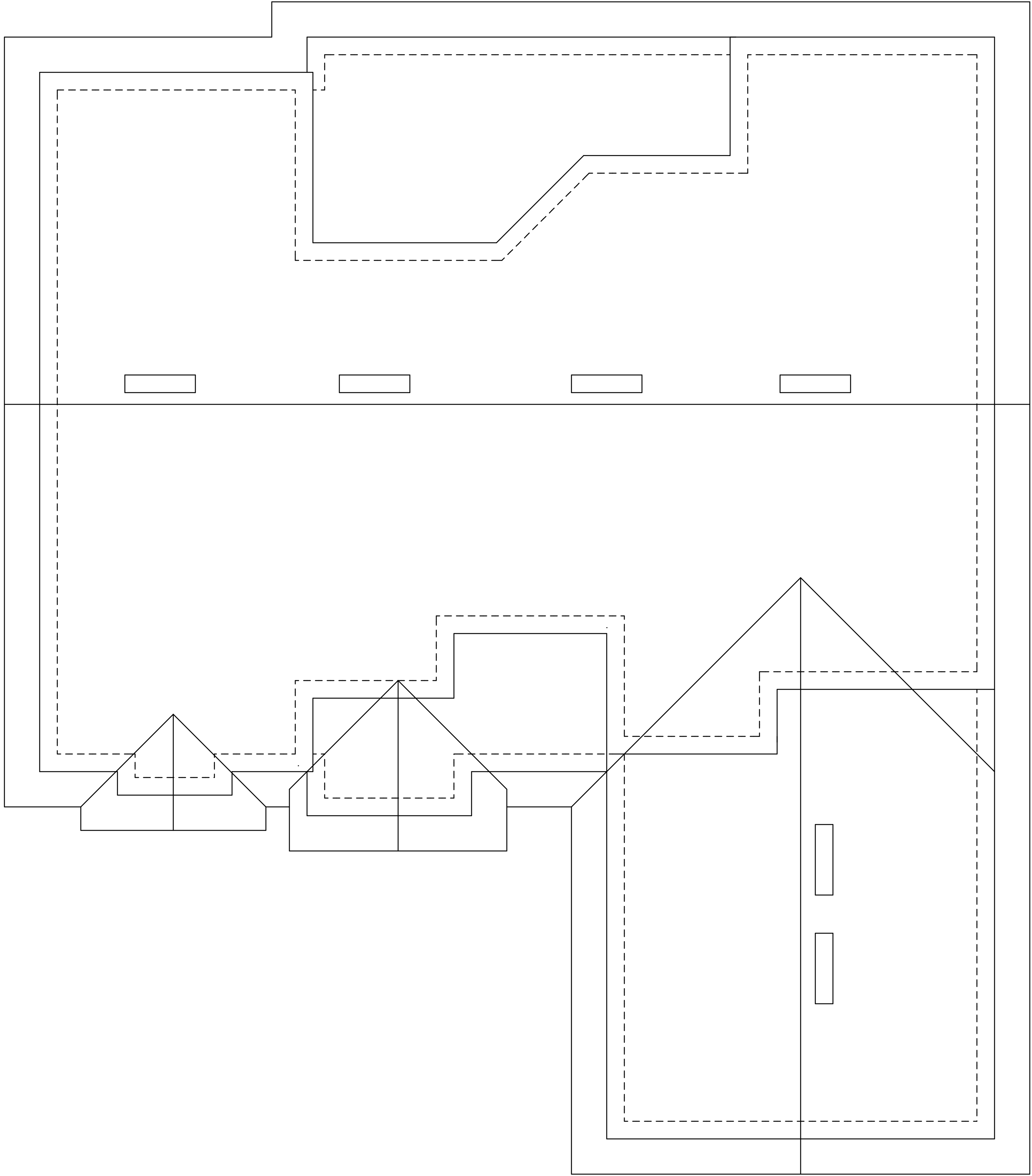
LEFT ELEVATION



FRONT ELEVATION



REAR ELEVATION



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       | HDSA-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 bolt anchors 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          | LTT19            | 1305       |
| to 1750           | 2-TS22        | LTT20            | 1750       |
| to 2570           | 2-TS22        | HD2A             | 2775       |
| to 3665           | 3-TS22        | HDSA             | 4010       |
| to 5420           | 2-MST37       | HTT22            | 5250       |
| to 9680           | 2-MST60       | HD10A            | 9540       |

Two 12d common toenails are required per truss for each bearing point into top plate.  
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 NAILING INTO SPRUCE MEMBERS.  
MULTIPLY TABLE VALUES BY .84  
2.SEE TRUSS ENGINEERING FOR ANCHOR UPLIFT VALUES.  
3.THIS SCHEDULE IS NOT MEANT TO BE A REPLACEMENT TO THE SPECIFIED VALUES OF ANY MANUFACTURES VALUES.

- PREFABRICATED WOOD TRUSSES
- ALL PREFABRICATED TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS PER TRUSS ENG REQ.
  - PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NDS AS RECOMMENDED BY THE NPFA.
  - TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAX. ALLOWABLE STRESS INCREASE FOR ALL LOAD DURATIONS OF TPI RECOMMENDATIONS).
  - BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE SPECIFIED BY THE TRUSS MANF.
  - TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY.
  - DESIGN SPECIFICATION FOR LIGHTWEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER TPI.
  - PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANF. IN ACCORDANCE WITH SPECIFIED LOADS AND THE GOVERNING CODES.
  - 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.
  - 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.
  - 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.

ROOF VENT CALCS

TOTAL S.F. 2716  
/600  
VENT AREA 4.6  
/73  
VENT REQ 6.0

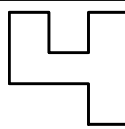
ROOF LAYOUT

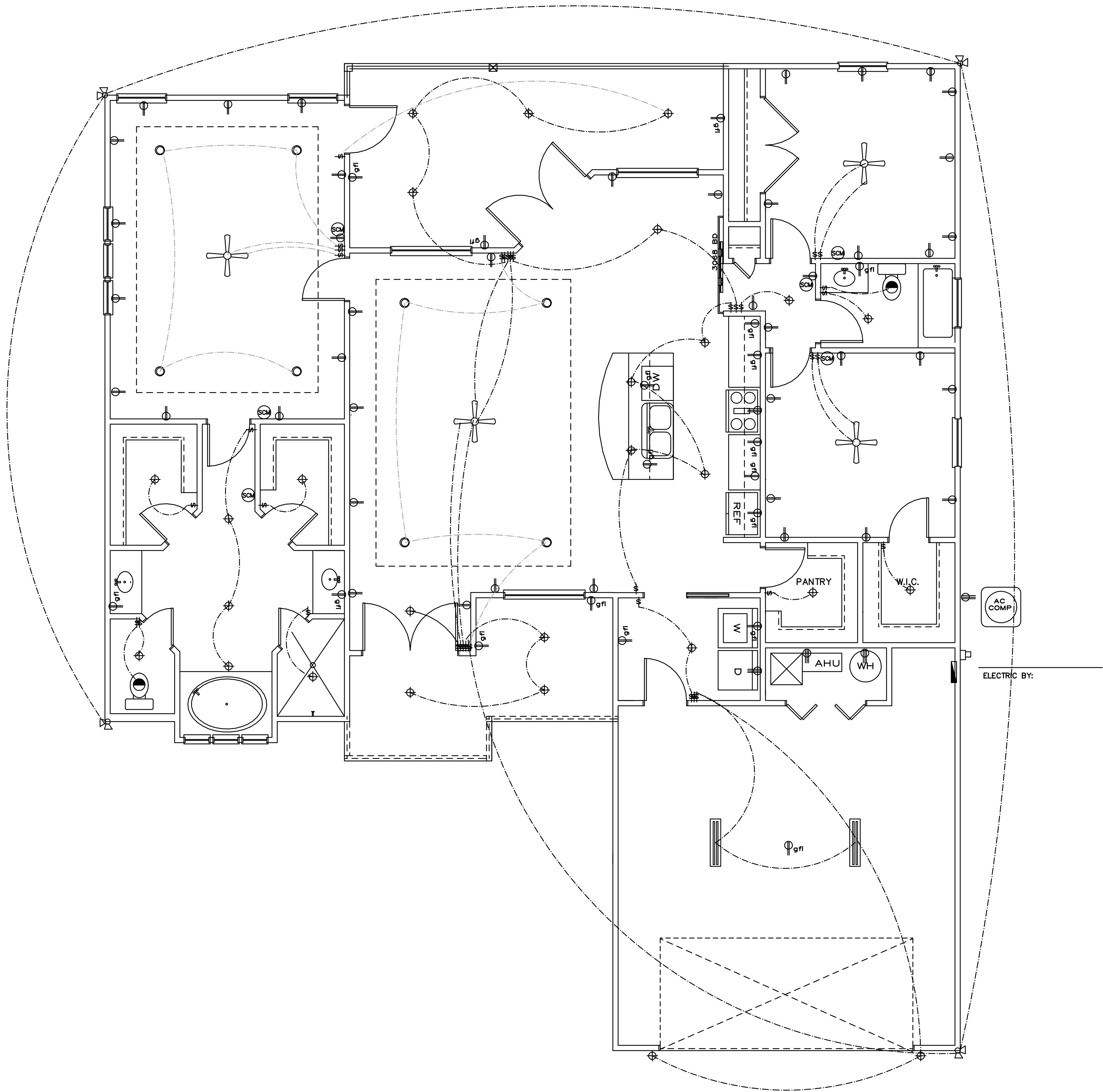
SCALE: 1/4"=1'-0"

DWC CONSTRUCTION

AMELIA LANDING \ LOT 12  
ALACHUA COUNTY, FLORIDA

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| ELECTRICAL LEGEND |                                                     |
|-------------------|-----------------------------------------------------|
|                   | FLOOD LIGHT                                         |
|                   | A.F. 110V ELECT. OUTLET 18" ABOVE FINISH FLOOR TYP. |
|                   | GROUND FAULT INTERRUPT                              |
|                   | 220V ELECT. OUTLET                                  |
|                   | LIGHT                                               |
|                   | EXHAUST FAN                                         |
|                   | SMOKE/CARBON MONOXIDE DETECTOR                      |
|                   | 200 AMP ELECT. PANEL                                |
|                   | 110V FLO LIGHT                                      |
|                   | 110V CEILING FAN W/LIGHT                            |
|                   | CAN LIGHT                                           |
|                   | AIR CONDITIONING COMPRESSOR                         |

SMOKE DETECTORS TO BE WIRED W/ BATTERY BACK UP AS REQUIRED BY CODE.

ALL OUTLETS TO BE ARC FAULT PROTECTED CIRCUIT.

ALL RECEPTACLES NEAR WATER TO BE GFI.

ALL EXTERIOR OUTLETS TO BE WATERPROOF GFI.

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. R314.1.1

ANY BUILDINGS HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE OR AN ATTACHED GARAGE SHALL HAVE CAROBON 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 FALT PROTECTED (AFCI)