



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



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

| REVISIONS SCHEDULE |                  |
|--------------------|------------------|
| Feb. 21st, 2024    | Proposal Drawing |
| Mar. 20th, 2024    | Revisions        |
|                    |                  |
|                    |                  |



CONSTRUCTION LLC  
CSC 1259555  
818 W DUVAL ST, LAKE CITY, FL 32055

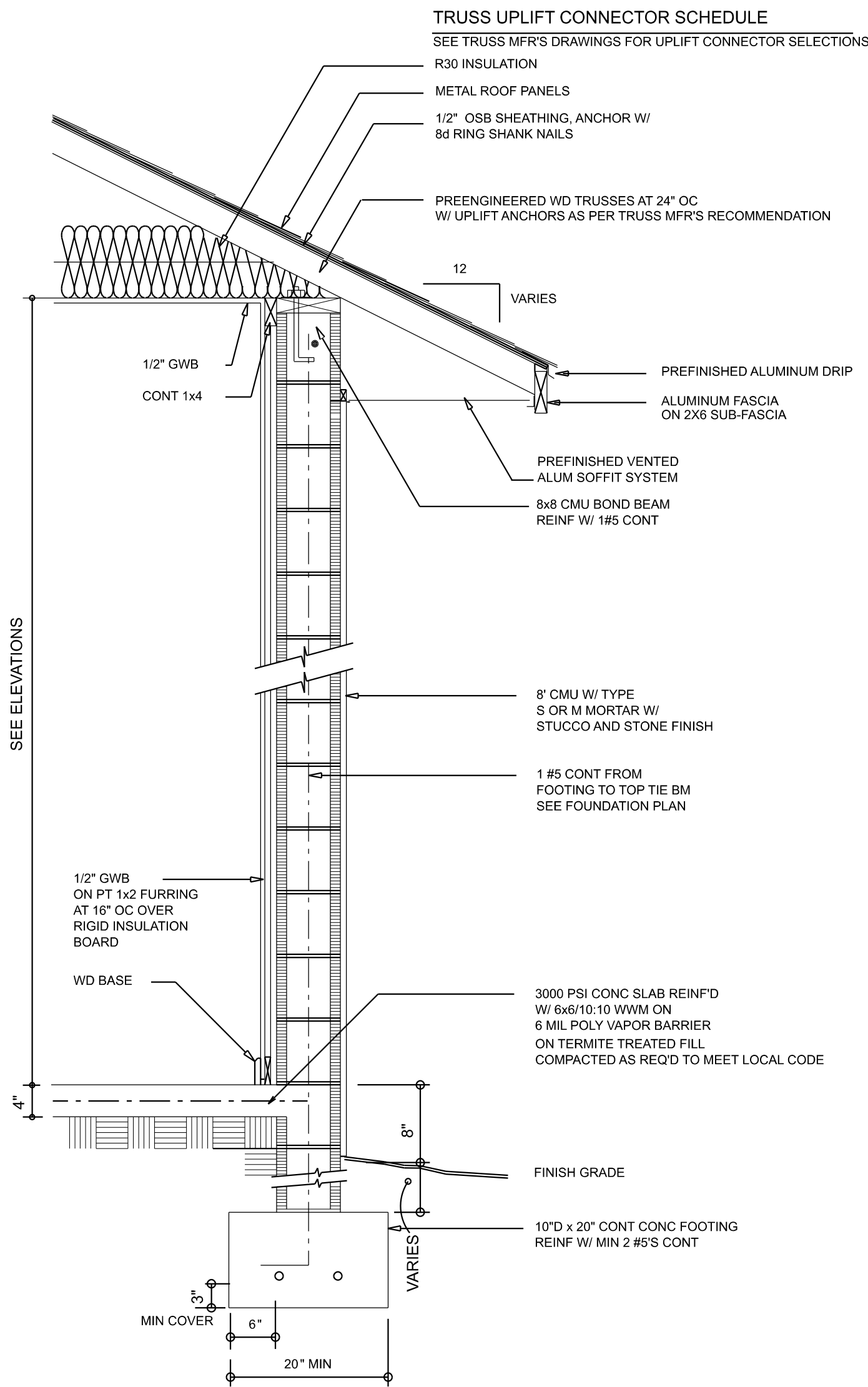
CUSTOM HOME FOR:  
**HARLOW RESIDENCE**  
COLUMBIA COUNTY, FLORIDA



**RIDGEPOINT  
DESIGN**  
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

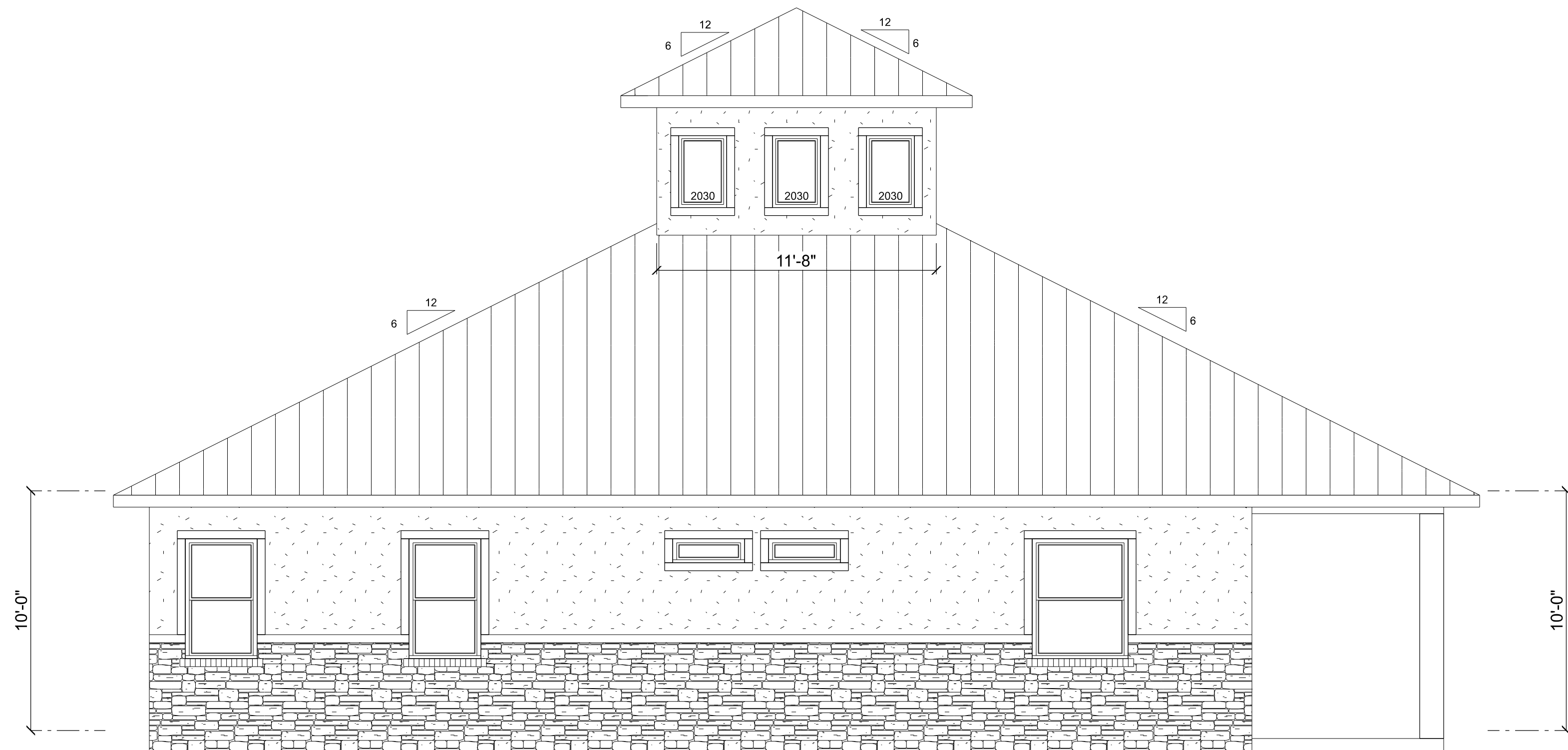
SHEET NUMBER  
**A.1**  
OF 4 SHEETS





**WALL SECTION**

3/4" = 1'-0"



**LEFT ELEVATION**

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



**RIGHT ELEVATION**

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

**REVISIONS SCHEDULE**

Feb. 21st, 2024 Proposal Drawing

Mar. 20th, 2024 Revisions



CONSTRUCTION LLC

(850) 357-0056 GC1259555

818 W DUVAL ST, LAKE CITY, FL 32055

CUSTOM HOME FOR:

**HARLOW RESIDENCE**

COLUMBIA COUNTY, FLORIDA



566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025

P: 386-288-1188

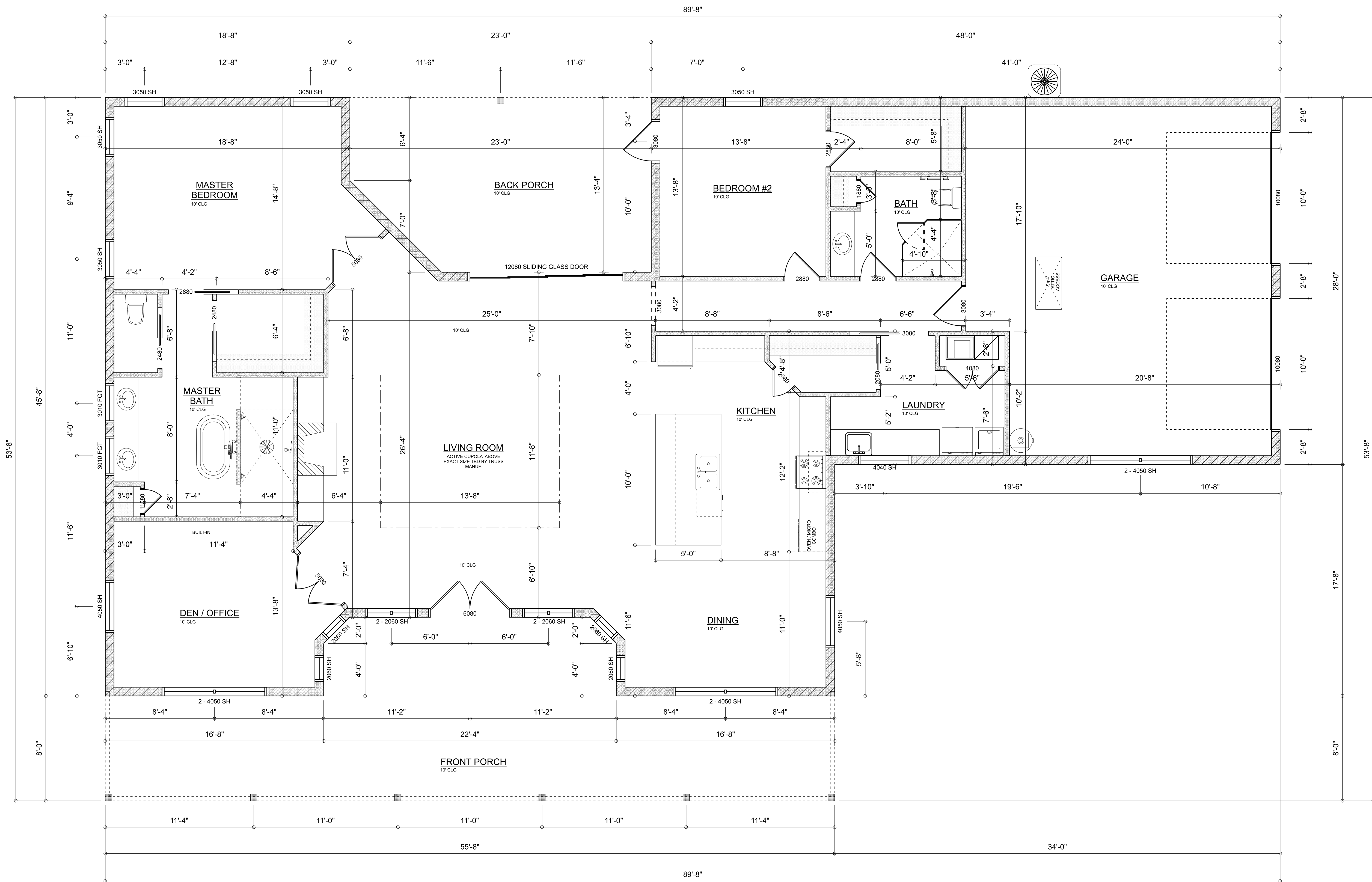
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER

**A.2**

OF 4 SHEETS





DIMENSIONED FLOOR PLAN

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

Garage fire separations shall comply with the following:

1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 3/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 mm) sheet steel and shall have no openings into the garage.
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

| AREA SUMMARY |       |      |
|--------------|-------|------|
| LIVING       | 2,439 | S.F. |
| FRONT PORCH  | 575   | S.F. |
| BACK PORCH   | 282   | S.F. |
| GARAGE       | 643   | S.F. |
| TOTAL AREA   | 3,939 | S.F. |

| REVISIONS SCHEDULE |                  |
|--------------------|------------------|
| Feb. 21st, 2024    | Proposal Drawing |
| Mar. 20th, 2024    | Revisions        |
|                    |                  |
|                    |                  |



CONSTRUCTION LLC  
COLUMBIA COUNTY, FLORIDA  
818 W DUVAL ST, LAKE CITY, FL 32055  
(850) 387-0066  
CIC1259555

CUSTOM HOME FOR:

**HARLOW RESIDENCE**

COLUMBIA COUNTY, FLORIDA



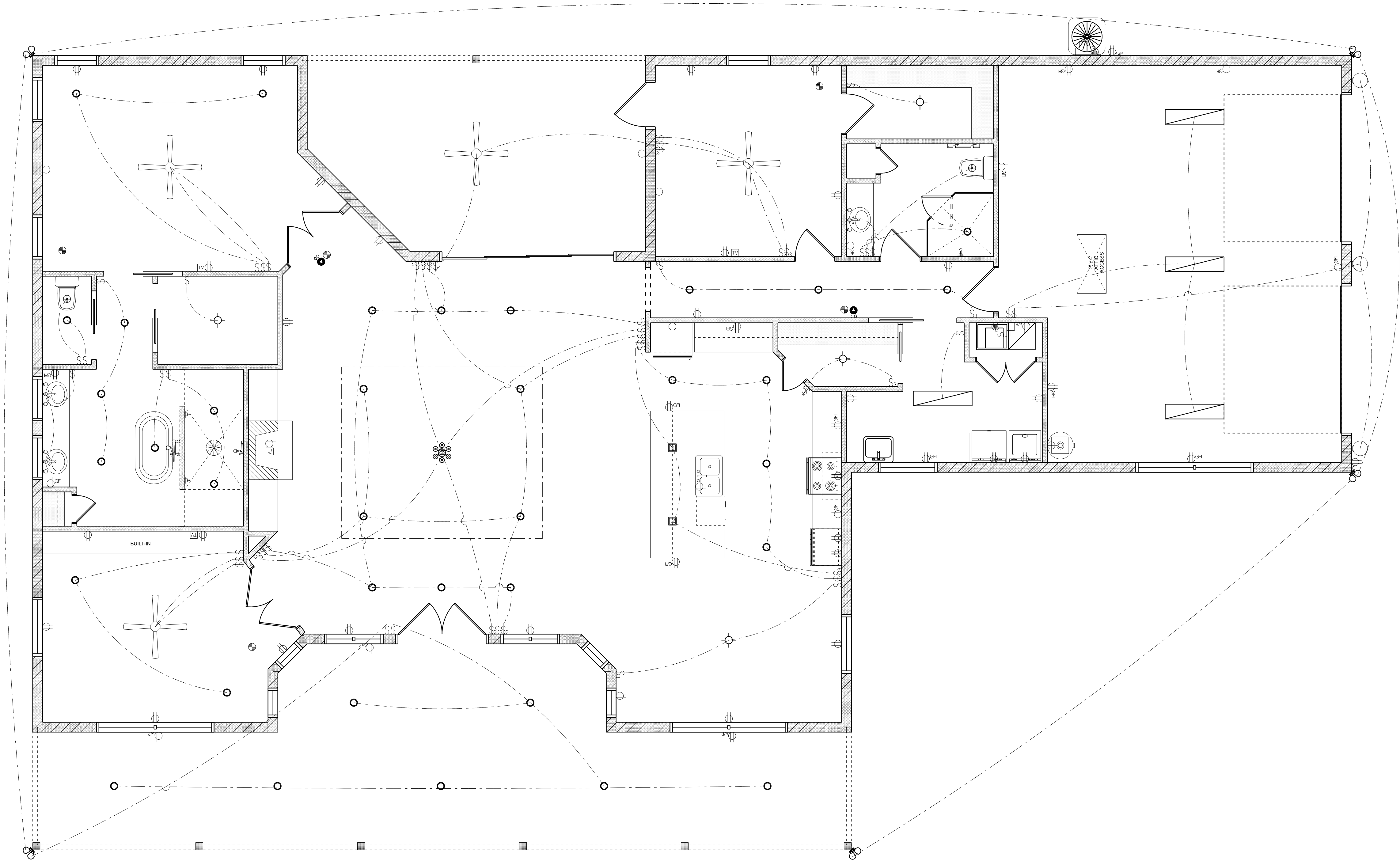
RIDGEPOINT  
DESIGN  
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32023  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER

**A.3**

OF 4 SHEETS





ELECTRICAL PLAN

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

| ELECTRICAL LEGEND        |       |        |
|--------------------------|-------|--------|
| ELECTRICAL               | COUNT | SYMBOL |
| CEILING FAN              | 4     |        |
| CAN LIGHT 6inch          | 36    |        |
| CHANDELIER               | 1     |        |
| LED CEILING LIGHT 1x4    | 4     |        |
| PENDANT LIGHT            | 2     |        |
| EXTERIOR SCENCE          | 3     |        |
| MOTION SECURITY LIGHT    | 5     |        |
| AC DISCONNECT            | 2     |        |
| CABLE TV OUTLET          | 4     |        |
| CARBON DETECTOR          | 2     |        |
| EXHAUST FAN              | 2     |        |
| OUTLET                   | 32    |        |
| OUTLET 220v              | 4     |        |
| OUTLET GFI               | 15    |        |
| OUTLET WP                | 6     |        |
| SMOKE DETECTOR           | 5     |        |
| STANDARD LIGHT           | 4     |        |
| SWITCH                   | 21    |        |
| SWITCH 3 WAY             | 29    |        |
| VANITY BAR LIGHT - SMALL | 3     |        |

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°, DESCRIPTION & BRKR, SERVICE ENT, & ALL UNDERGROUND WIRE

LOCATIONS/ROUTING / DEPTH, RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY. ALL RECEPTICALS, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL BE UEATHERPROOF GROUD FAULT INTERRUPTER TYPE (WP/GFI)

| REVISIONS SCHEDULE |                  |
|--------------------|------------------|
| Feb. 21st, 2024    | Proposal Drawing |
| Mar. 20th, 2024    | Revisions        |
|                    |                  |
|                    |                  |



CONSTRUCTION LLC  
CSC1259655  
818 W DUVAL ST, LAKE CITY, FL 32055

CUSTOM HOME FOR:

**HARLOW RESIDENCE**

COLUMBIA COUNTY, FLORIDA



**RIDGEPOINT  
DESIGN**

566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER

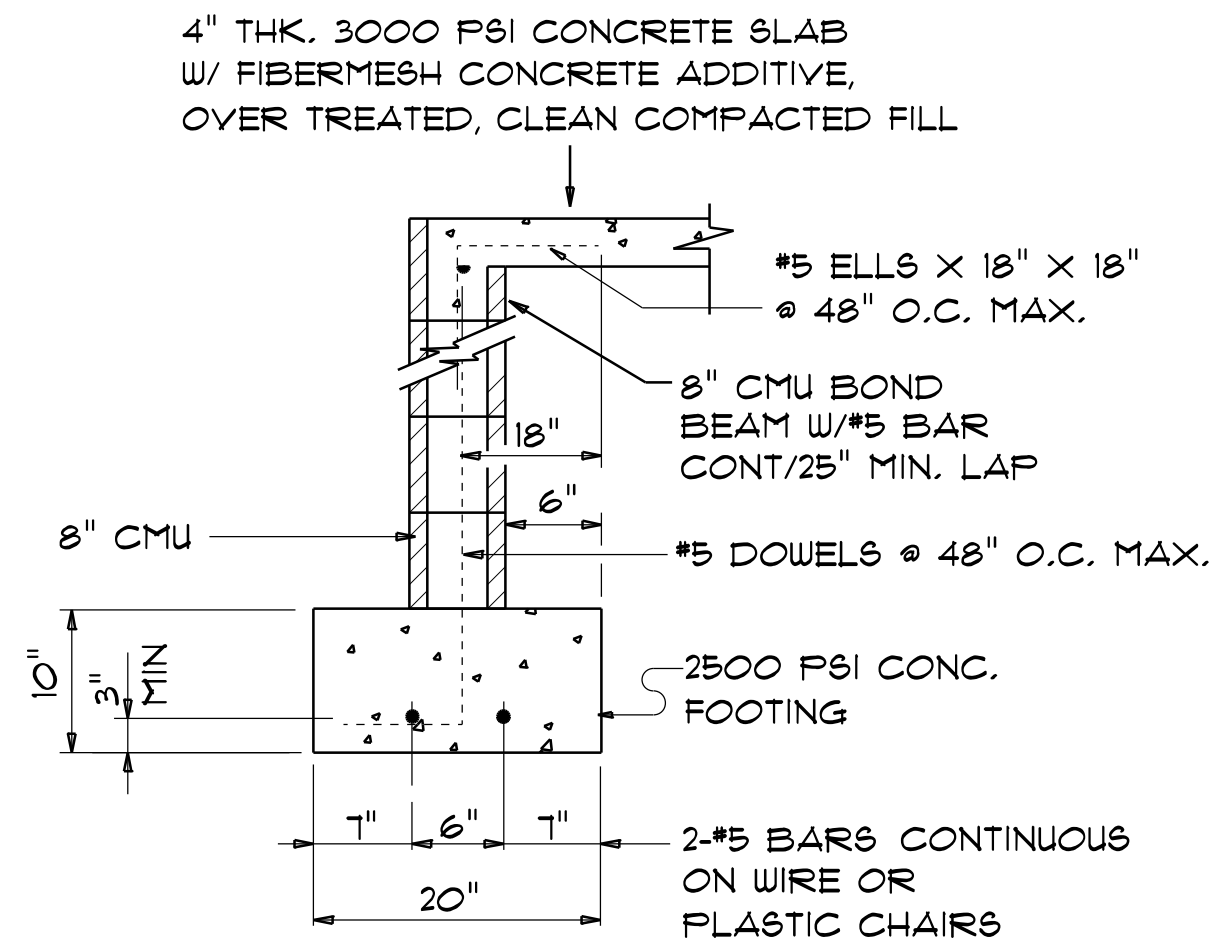
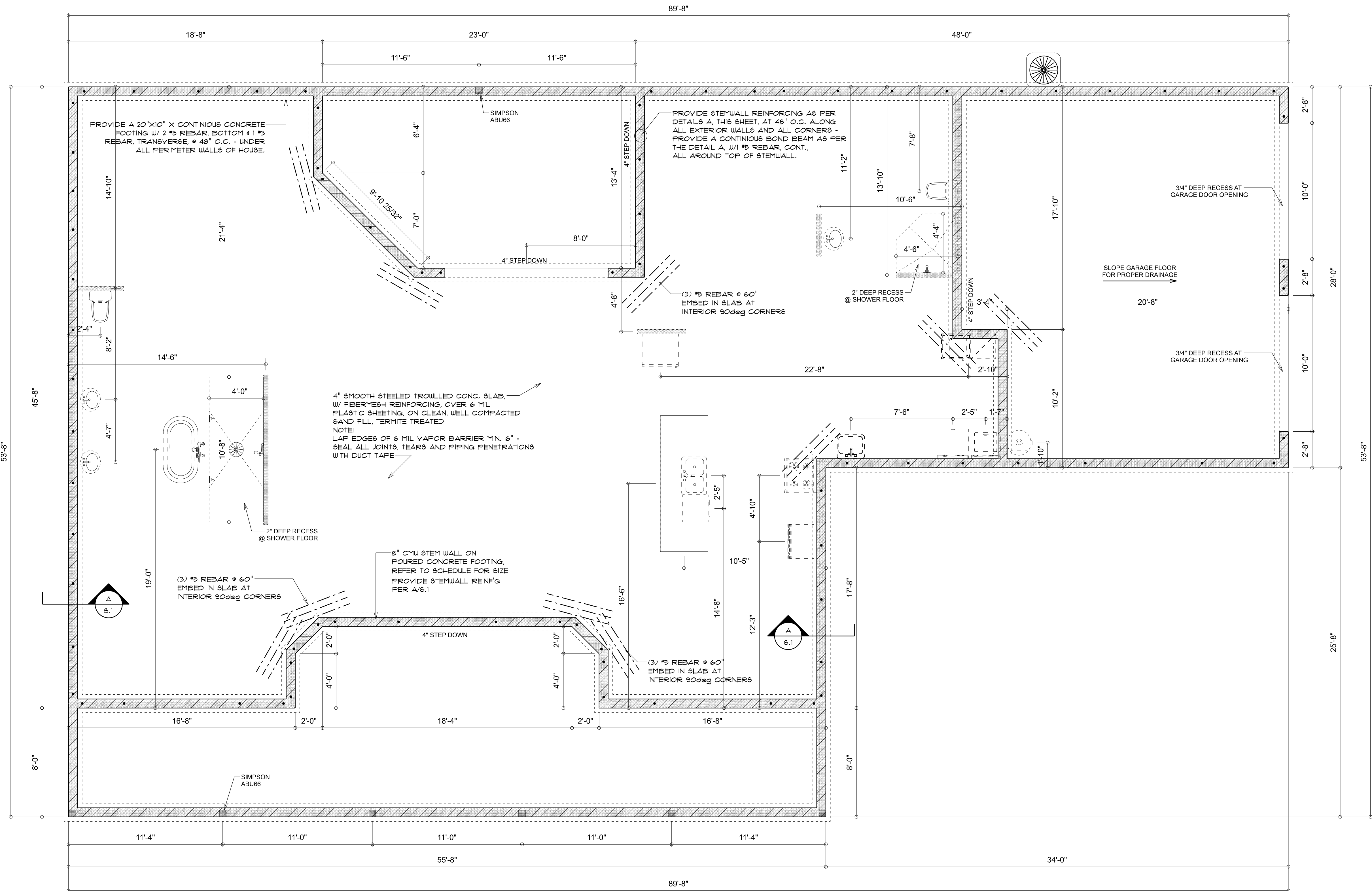
**A.4**

OF 4 SHEETS



CONCRETE / MASONRY / METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
11. 2X4 P/T WOOD SILL, CONT., ALL AROUND, W/ 5/8"~ A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 12-16" FROM EACH CORNER, EA. WAY, & WITHIN 8-12" FROM ALL WALL OPENINGS / ENDS - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.



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

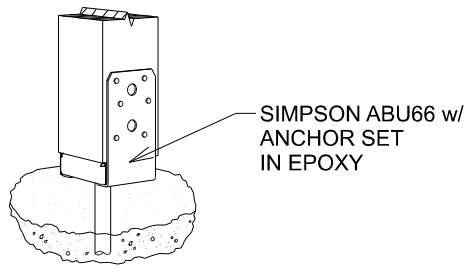
NOTE:  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1603 AND LOCAL JURISDICTION REQUIREMENTS

NOTE:  
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

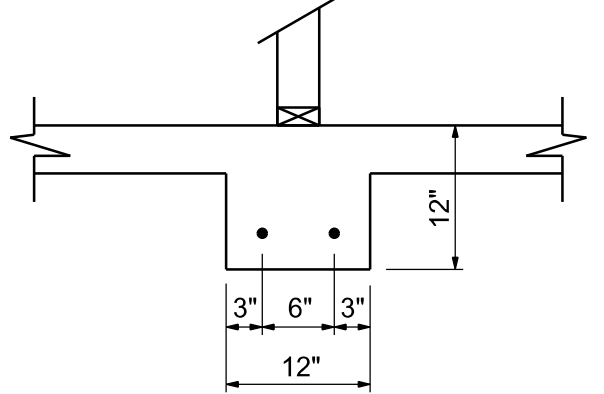
NOTE:  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS

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



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



INTERIOR BEARING FT'G  
SCALE: 3/4" = 1'-0"

NOTE:  
VERIFY INTERIOR BEARING WALLS WITH TRUSS MANUFACTURE DRAWINGS! USE DETAIL "B" THIS PAGE AT ALL INTERIOR BEARING LOC.

| REVISIONS       |
|-----------------|
| Mar. 20th, 2024 |
|                 |
|                 |
|                 |

CUSTOM HOME FOR:  
**HARLOW RESIDENCE**  
COLUMBIA COUNTY, FLORIDA

RIDGEPOINT  
DESIGN

366 SW ARLINGTON BLVD. STE 101 LAKE CITY, FL 32005  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

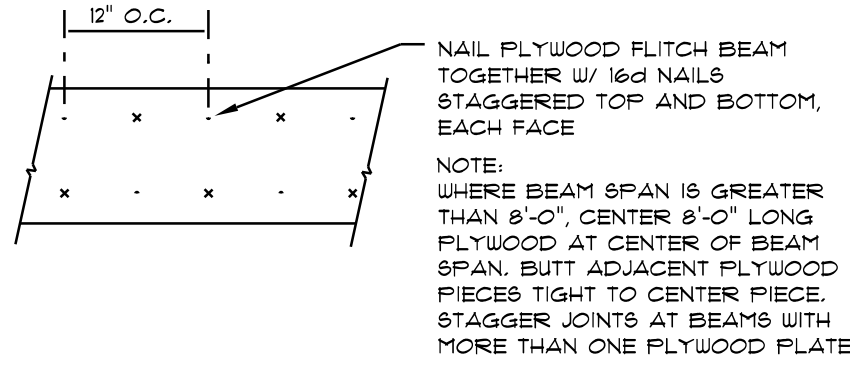
NICHOLAS  
PAUL  
GEISLER  
ARCHITECT  
N.C.A.R.B. Certified

1158 NW Broom Rd.  
Lake City, FL 32055

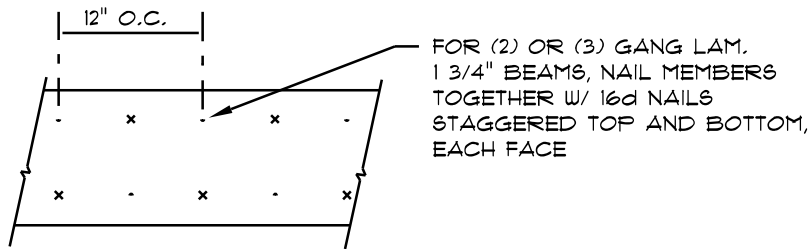
SHEET NUMBER  
**S.1**  
OF 4 SHEETS

AR0007005



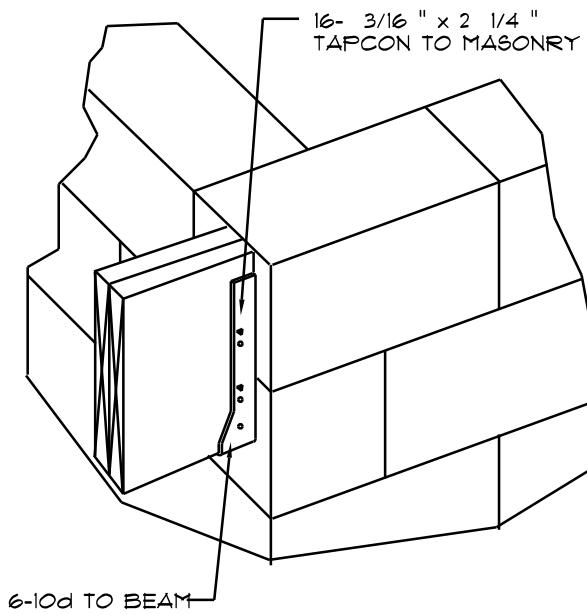


PLYWOOD FLITCH BEAM DETAIL  
NOT TO SCALE



MULTIPLE GANG LAM. DETAIL  
NOT TO SCALE

B/U Beam DETAILS  
SCALE: NONE



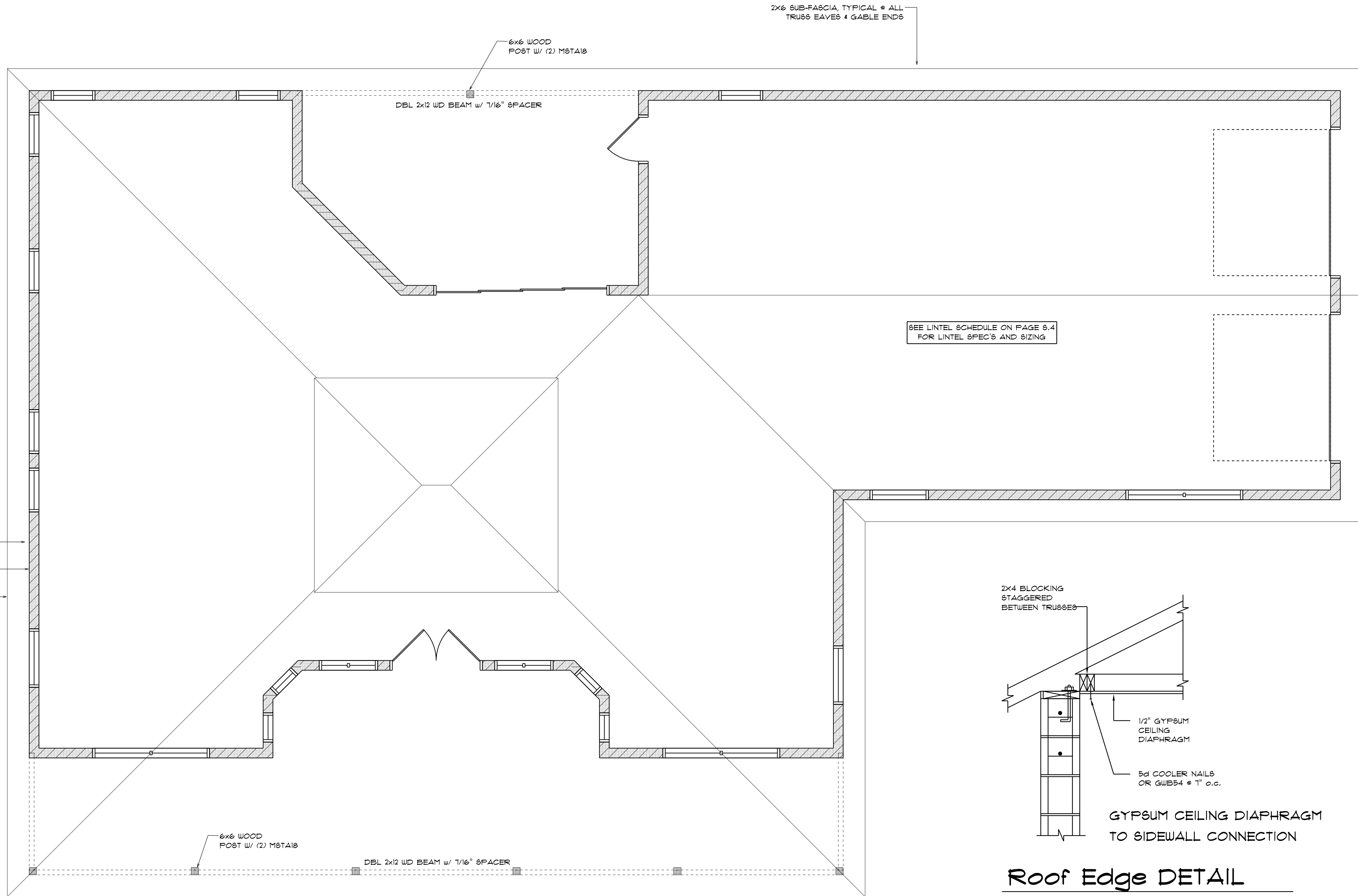
"Simpson" HUSC410  
SCALE: NONE  
WOOD BEAM TO MASONRY

## WOOD STRUCTURAL NOTES

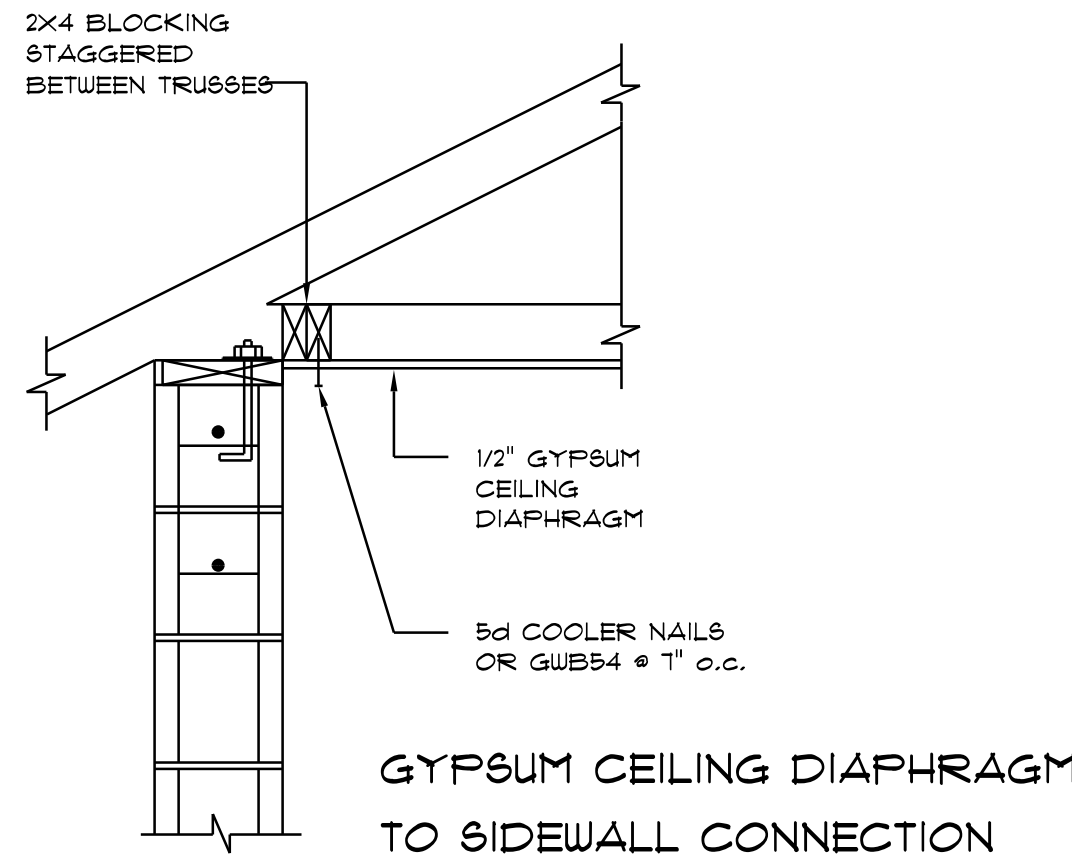
- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN No.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

### GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.



ROOF FRAMING PLAN  
SCALE: 1/4" = 1'-0"



Roof Edge DETAIL  
SCALE: NONE

### ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE!  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 140 MPH PER FBC 16-09 AND LOCAL JURISDICTION REQUIREMENTS

| REVISIONS       |
|-----------------|
| Mar. 20th, 2024 |
|                 |
|                 |
|                 |
|                 |

CUSTOM HOME FOR:  
**HARLOW RESIDENCE**  
COLUMBIA COUNTY, FLORIDA

**RIDGEPOINT DESIGN**  
366 SW ARLINGTON BLVD. STE 101 LAKE CITY, FL 32005  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

**NICHOLAS PAUL GEISLER ARCHITECT**  
N.C.A.R.B. Certified  
1158 NW Brown Rd.  
Lake City, FL 32055

SHEET NUMBER  
**S.2**  
OF 4 SHEETS

AR0007005







AR0007005