



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



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



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 5 SHEETS

THE BRISTOL MODEL FOR:
AARON SIMQUE HOMES, INC
LOT 34, THE PRESERVES, LAKE CITY, FL 32024

REVISIONS SCHEDULE	
MAY 5th, 2021	ORIGINAL DRAWINGS
MAY 20th, 2021	REVISIONS
June 2nd, 2021	REVISIONS



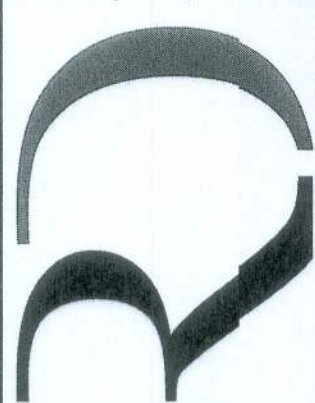
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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

REVISIONS SCHEDULE		
MAY 5th, 2021	ORIGINAL DRAWINGS	
MAY 20th, 2021	REVISIONS	
June 2nd, 2021	REVISIONS	

THE BRISTOL MODEL FOR:
AARON SIMQUE HOMES, INC
LOT 34, THE PRESERVES, LAKE CITY, FL 32024

**RIDGEPOINT
DESIGN**

566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
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REVISIONS SCHEDULE	
MAY 5th, 2021	ORIGINAL DRAWINGS
MAY 20th, 2021	REVISIONS
JUNE 2nd, 2021	REVISIONS

THE BRISTOL MODEL FOR:
AARON SIMQUE HOMES, INC.
 LOT 34, THE PRESERVES, LAKE CITY, FL 32024

RIDGEPOINT DESIGN
 300 SW ARRLING LANE, SUITE 101, LAKE CITY, FL 32025
 P: 386-288-1188
 E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
 OF 5 SHEETS

AREA SUMMARY

1st FLOOR AREA	2,186	S.F.
2nd FLOOR AREA	933	S.F.
ENTRY PORCH	171	S.F.
REAR COVERED PORCH	459	S.F.
GARAGE	937	S.F.
TOTAL AREA	4,686	S.F.

TOTAL CUBIC SQUARE FOOTAGE OF CONDITIONED SPACE IS: 21,389

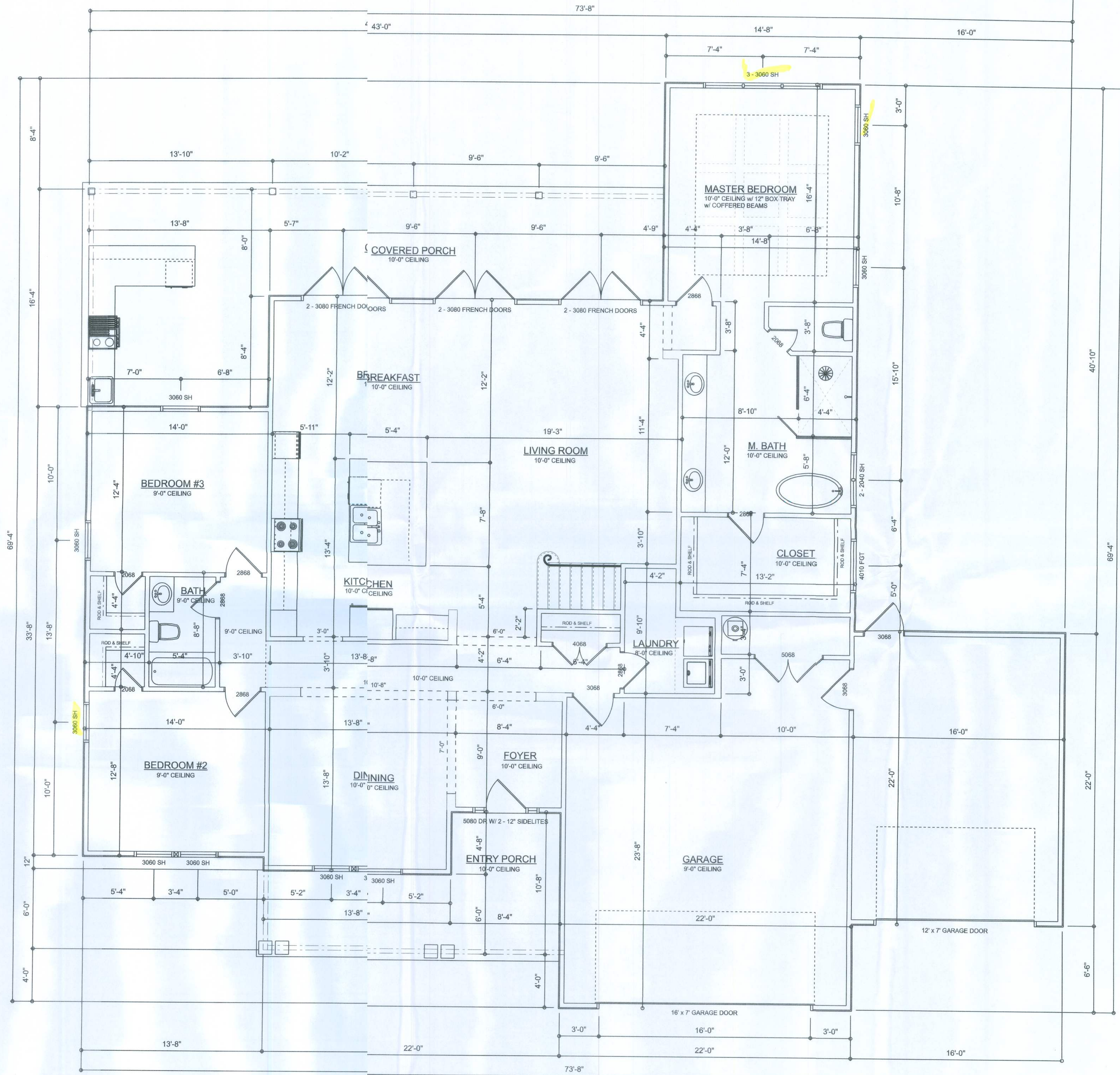
Garage fire separations shall comply with the following:

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 18 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.

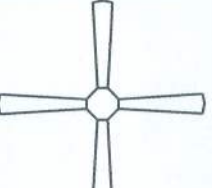
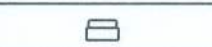
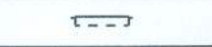
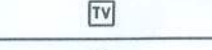
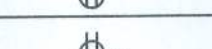
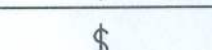
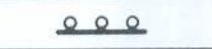
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.

4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.



DIMENSIONED FLOOR PLAN

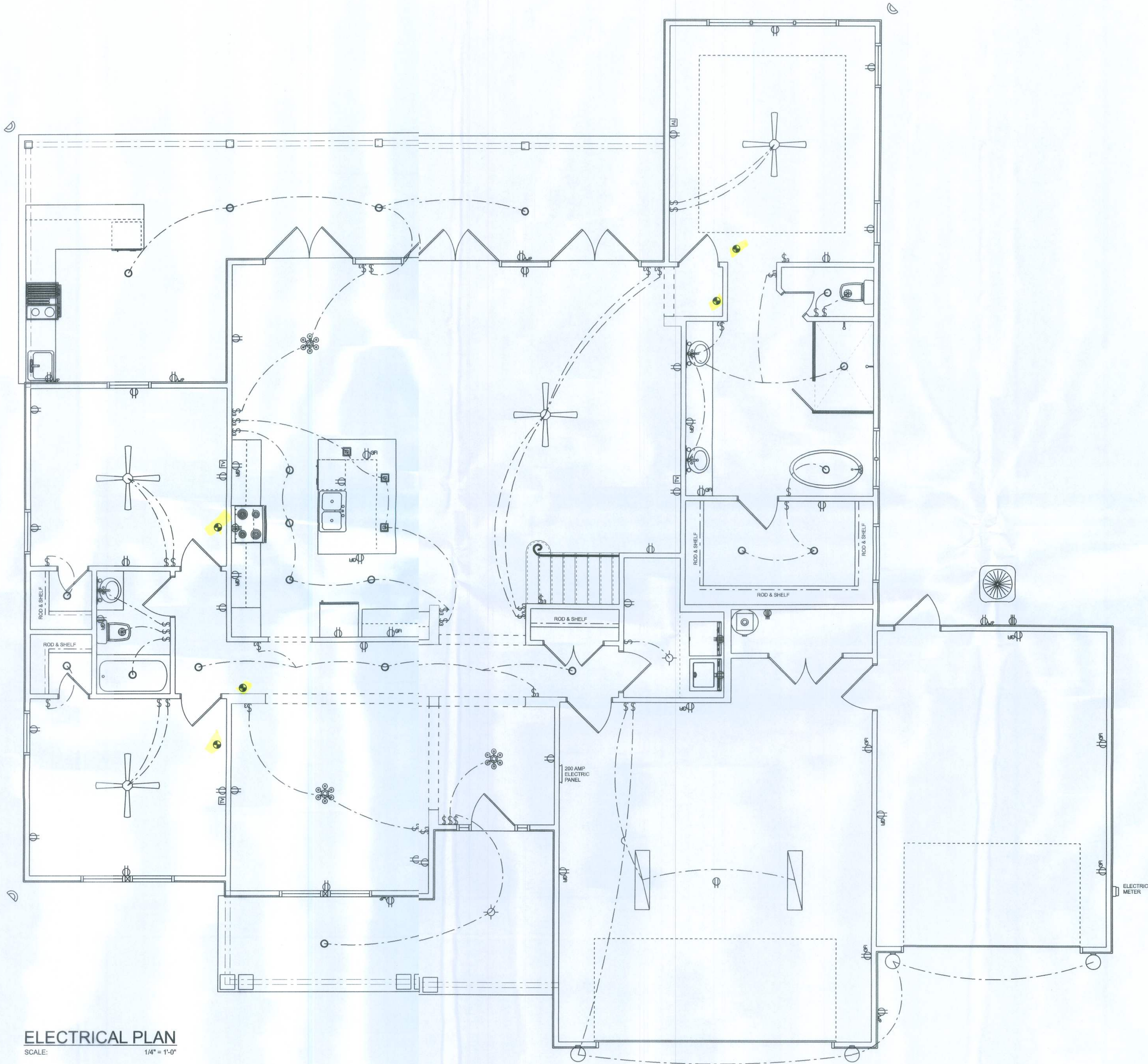
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	4	
CAN LIGHT 6inch	20	
CHANDELIER	3	
LED CEILING LIGHT 1x4	2	
PENDANT LIGHT	3	
EXTERIOR SCENCE	4	
WALL MOUNT LED FLOODLIGHT	3	
ELECTRIC METER	1	
ELECTRIC PANEL	1	
CABLE TV OUTLET	4	
EXHAUST FAN	2	
OUTLET	31	
OUTLET 220v	4	
OUTLET GFI	16	
OUTLET WP	6	
SMOKE DETECTOR	5	
STANDARD LIGHT	2	
SWITCH	22	
SWITCH 3 WAY	18	
VANITY BAR LIGHT - SMALL	3	

NOTE:
ALL BEDROOM, OFFICE, LIVING, GAME & DINING RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT)

ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

NOTE:
UFER grounding required per N.E.C.
Arc fault breakers required per N.E.C.
GFCI breakers required per N.E.C.
Tamper resistant receptacles required per N.E.C.

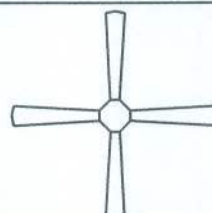


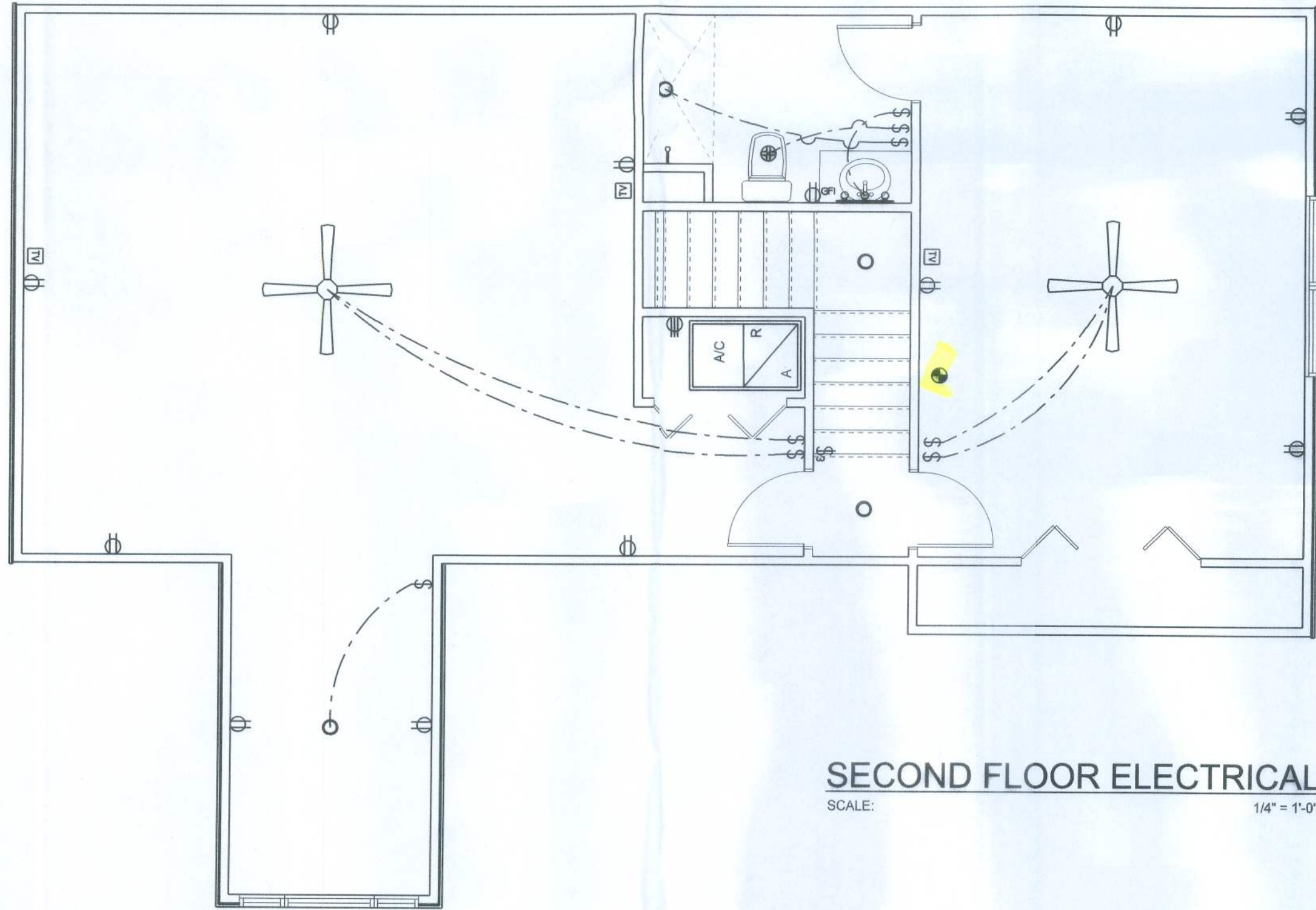
ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
MAY 5th, 2021	ORIGINAL DRAWINGS
MAY 20th, 2021	REVISIONS
June 2nd, 2021	REVISIONS

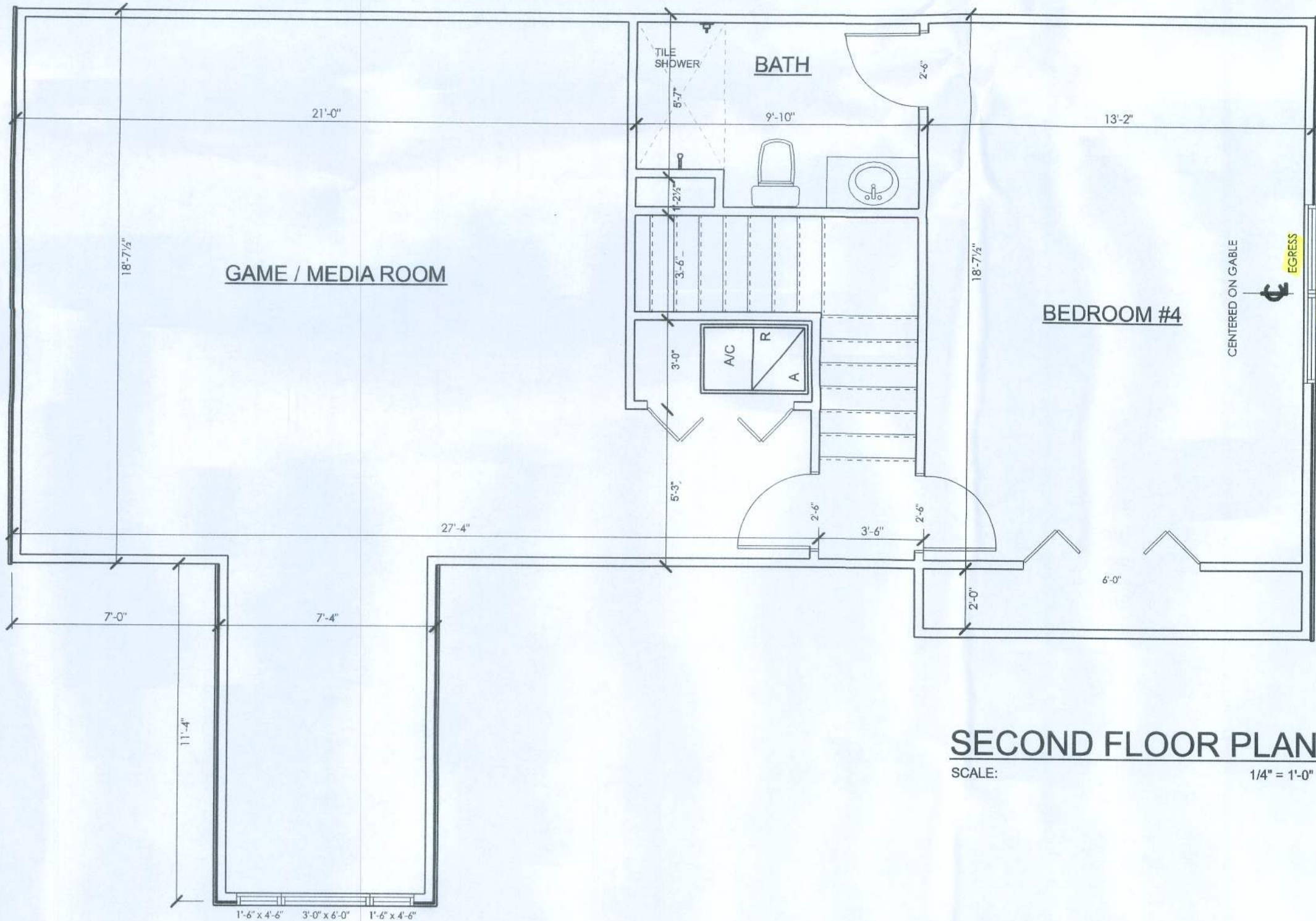
THE BRISTOL MODEL FOR:
AARON SIMQUE HOMES, INC
LOI 34, THE PRESERVES, LAKE CITY, FL 32024

**RIDGEPOINT
DESIGN**
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
P: 386-288-1100
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ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	2	
CAN LIGHT 6inch	4	
CABLE TV OUTLET	3	
EXHAUST FAN	1	
OUTLET	11	
OUTLET 220v	1	
OUTLET GFI	1	
SMOKE DETECTOR	1	
SWITCH	8	
SWITCH 3 WAY	1	
VANITY BAR LIGHT - SMALL	1	



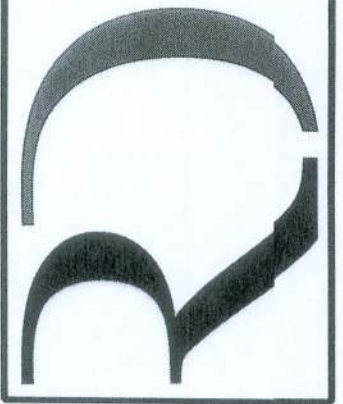
SECOND FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"



SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

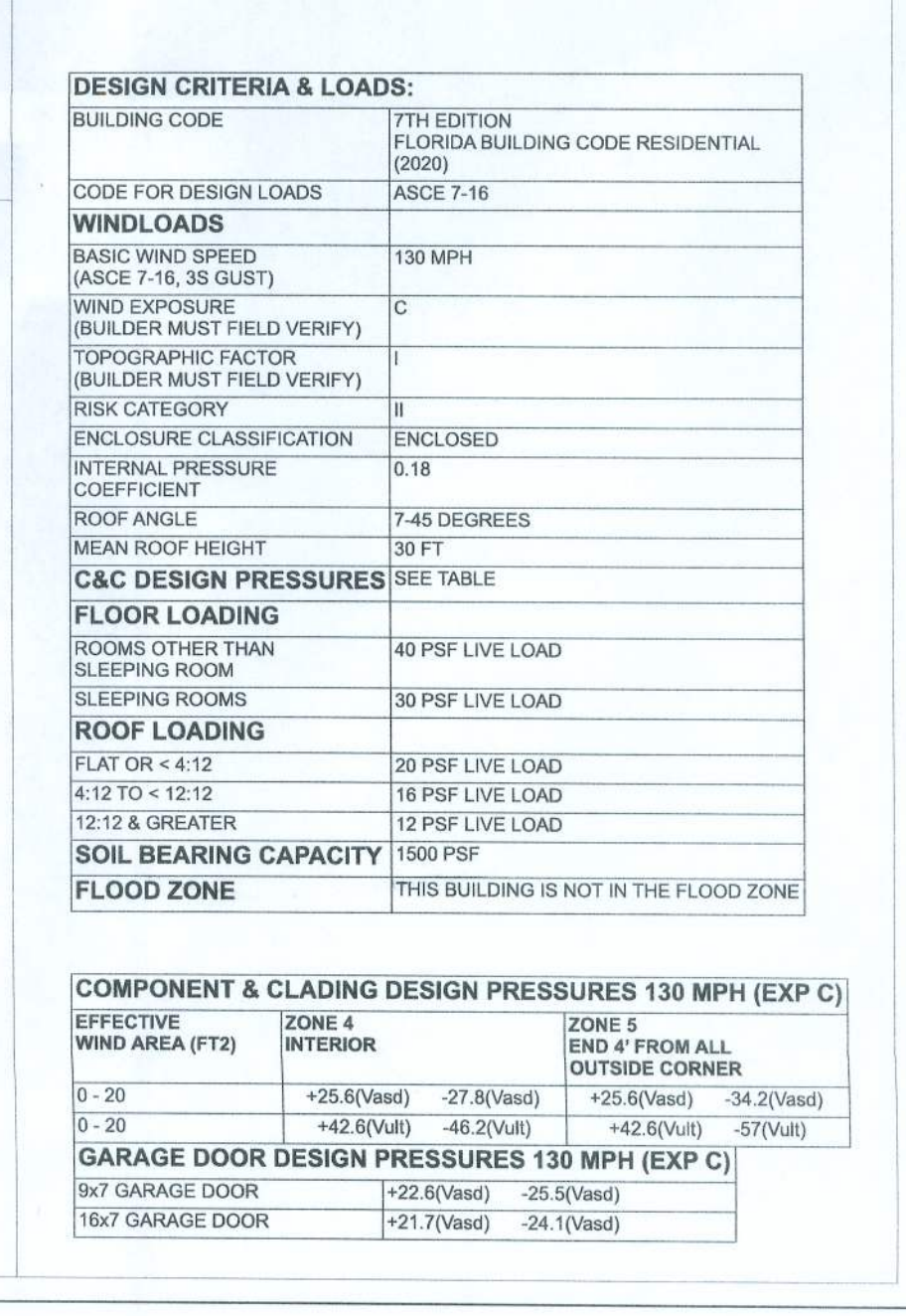
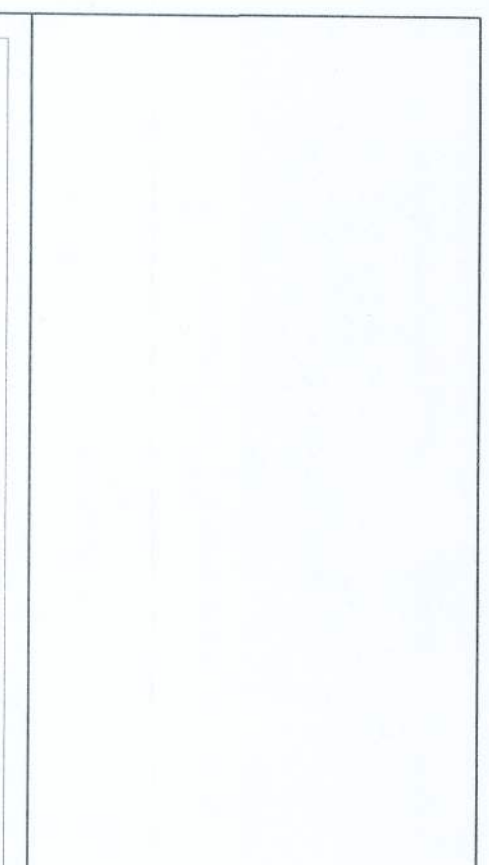
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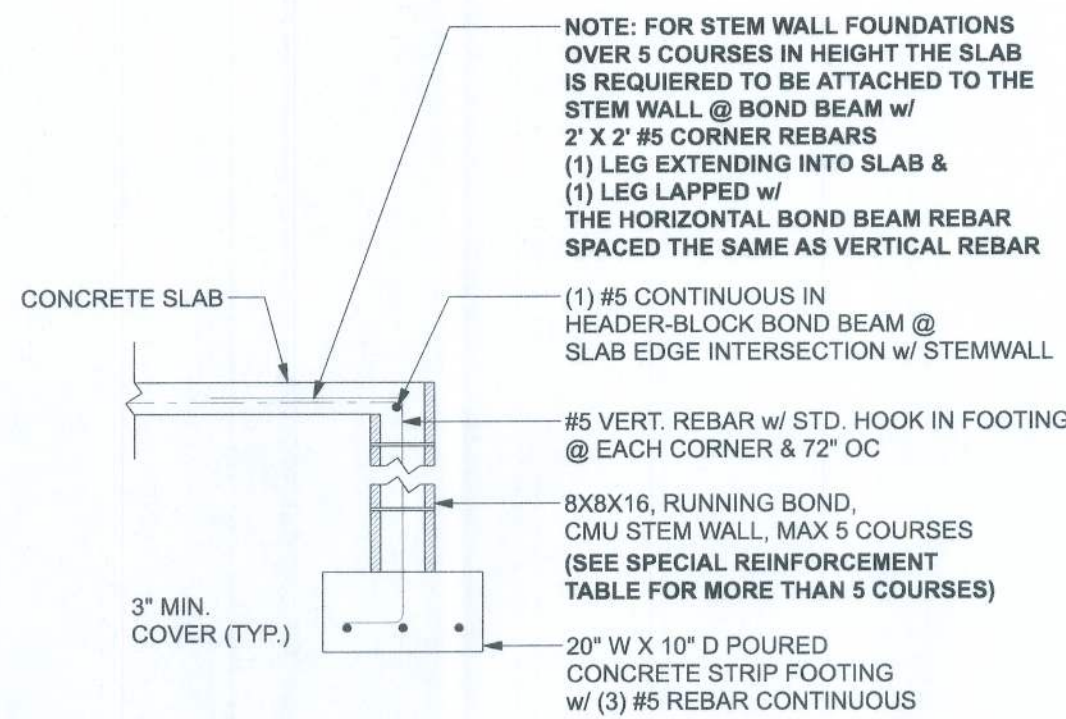
THE BRISTOL MODEL FOR:
AARON SIMQUE HOMES, INC
LOT 34 THE PRESERVES LAKE CITY FL 32704



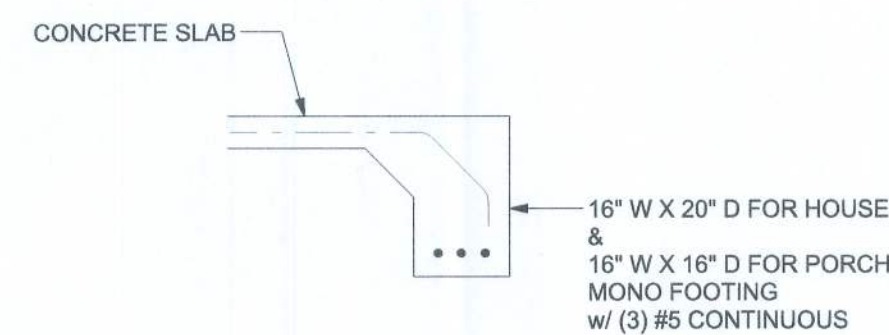
**RIDGEPOINT
DESIGN**
566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
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SHEET NUMBER
A.5
OF 5 SHEETS

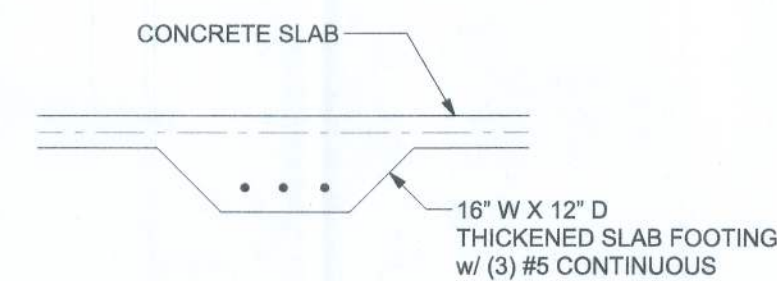




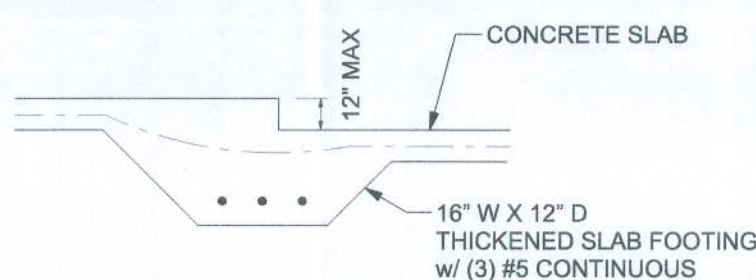
F1 S-2 OPTIONAL STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



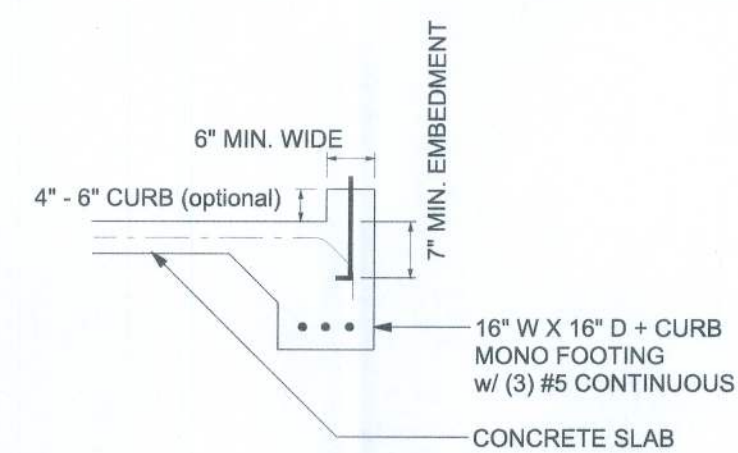
F1 S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



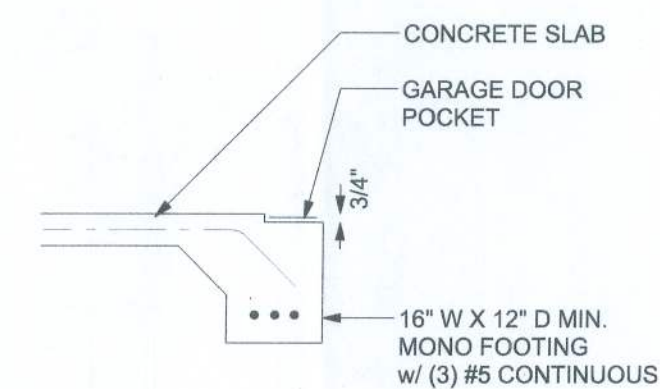
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



F4 S-2 MONOLITHIC CURB FOOTING
SCALE: 1/2" = 1'-0"



F5 S-2 GARAGE DOOR POCKET FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TAB:

The table assumes 60 reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Dural ladder reinforcement at 16" OC vertically or a horizontal bond beam with #5s continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

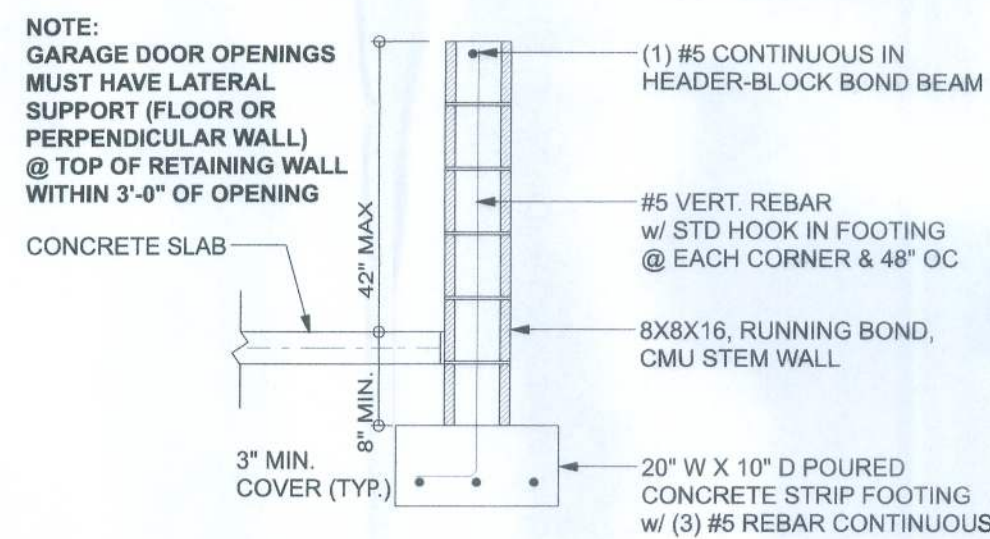
STEM WALL HEIGHT (FEET)	UNBALANCE BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

MASONRY NOTE:

MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR/JD MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

ACI 530.1-02 Sect	Specific Requirements
1.4A Compressive strength	8" block bearing walls $P_m = 1500$ psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures require approval
2.3 CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4 Reinforcing bars, #11	ASTM A615, Grade 40, $F_y = 40$ ksi, Lap splices min 40 bar dia. (25" for #5)
2.4F Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A225, Class G80, 0.60 oz/lb or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/lb or 304SS
3.3.E.2 Pipes, conduits, accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7 Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL



F4 S-2 OPTIONL STEM WALL CURB FOOTING
SCALE: 1/2" = 1'-0"

FOUNDATION PLAN

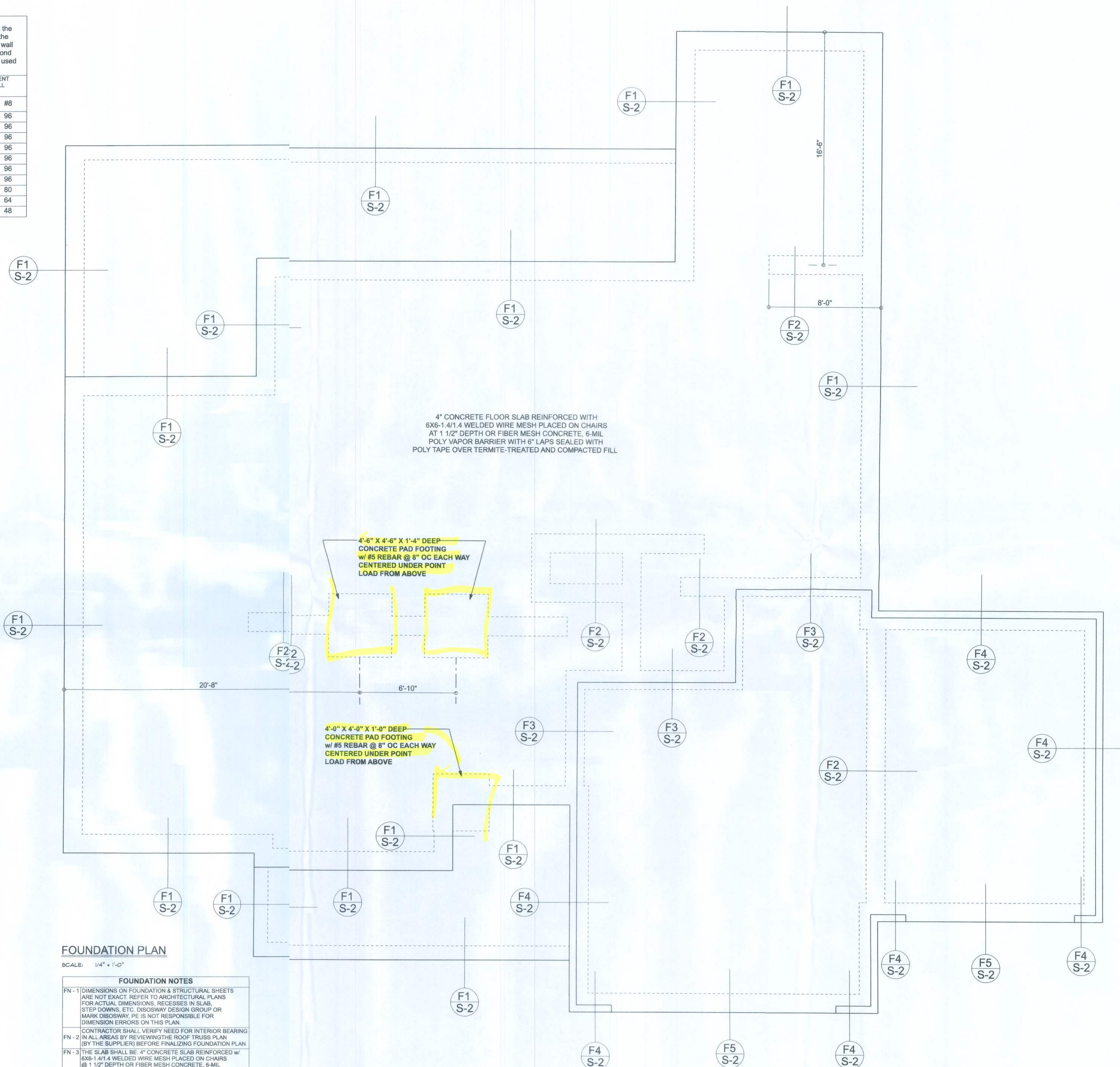
SCALE: 1/4" = 1'-0"

FOUNDATION NOTES

FN - 1 DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, STEP DOWNS, ETC. DISOSWAY DESIGN GROUP OR MARK DISOSWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.

CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN

FN - 3 THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED w/ 6X6-1.4/1.4 WELDED WIRE MESH PLACED ON CHAIRS @ 1'12" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL



Aaron Sinqme Homes

Bristol - Lot 34 The Preserves

PROJECT ADDRESS:
Lot 34 The Preserves
Lake City, FL

DIMENSIONS: Stated dimensions supersede called dimensions. Refer all question to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that its applicable portions of the plan, relating to engineering comply with the 7th Edition Florida Building Code Residential (2007) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY P.E. 53915

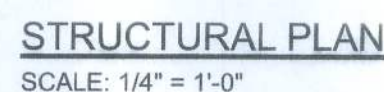


Wednesday, July 7 2021

Mark Disosway P.E.
163 SW Midtown Place
Suite 108
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
210839

S-2
OF 3 SHEETS



ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	50184 LBF	18520 LBF
REQUIRED	20987 LBF	18238 LBF

PROJECT ADDRESS:
34 The Preserves
Lake City, FL

DIMENSIONS:
Stated dimensions supercede soled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020).

LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY P.E. 53915



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Suite 103
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
210839

S-3
OF 3 SHEETS

OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. BUILDERS FIRST SOURCE
JOB #2845647