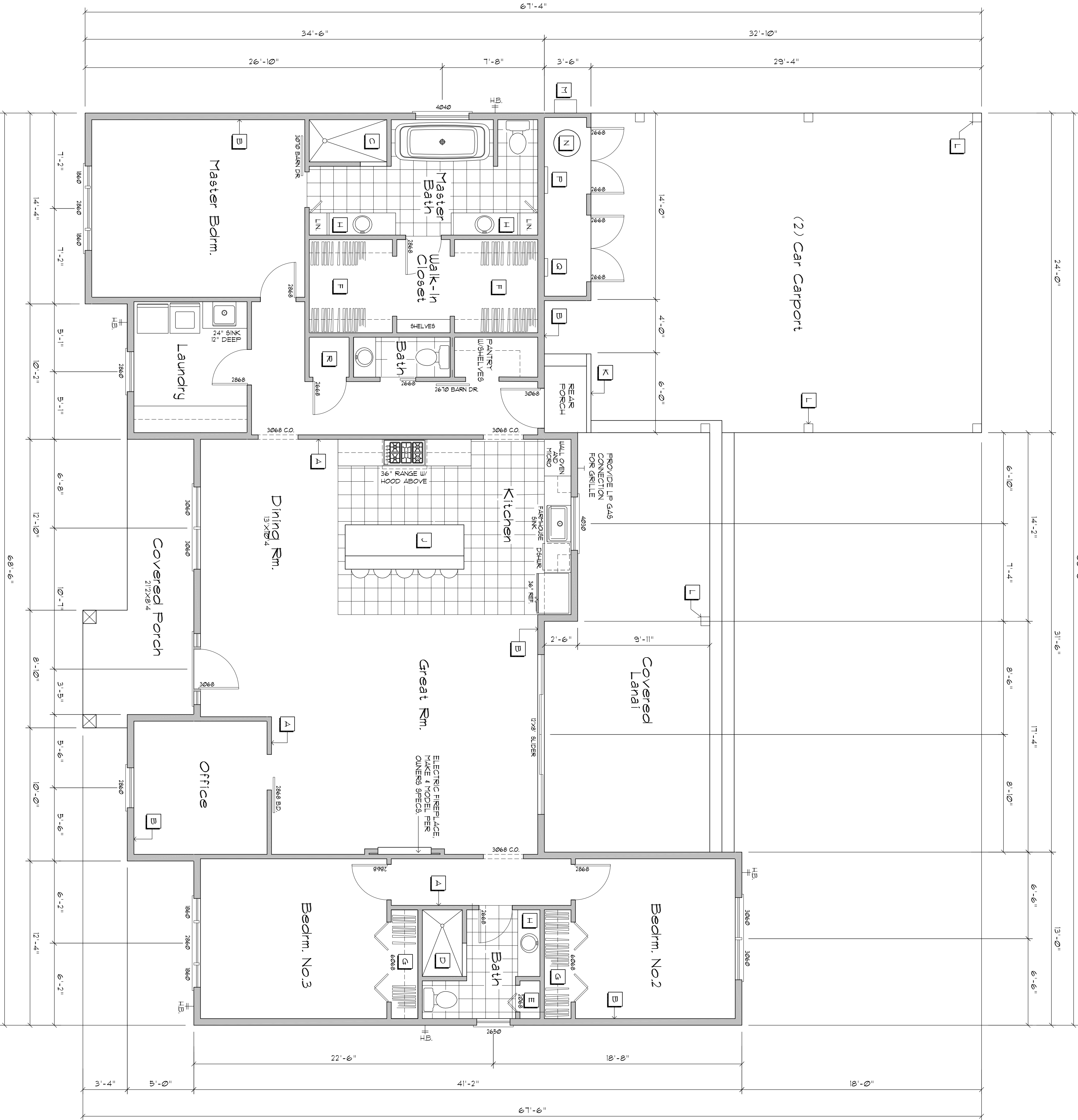




Floor Plan

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

2020 FLORIDA BUILDING CODE COMPLIANCE SUMMARY

BASIC WIND SPEED:	120 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MURS PER TABLE 1609.2.A (FBC 2004) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.0 PSF EAVES: + 21.5 PSF
COMPONENTS & CLADDING PER TABLE 1609.2.B & 1609.2.C (FBC 2020) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.7 / - 25.5 PSF

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O
Exterior Walls: 2x6 Wood Studs @ 16" O.C.
Interior Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" Thk. Concrete Slab w/ Fiberglass Concrete Additive
Foundation: 10"x12" Concrete Ftg. w/ 8" CRTL Stemwall

ROOF DECKING

Material: 5/8" CDX Plywood or 5/8" OSB
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: See Nail Schedule on sheet A12

SHEARWALLS

Material: 7/16" OSB, "Windstorm" Sheathing See Sht. A10
Sheet Size: 48"x96" Sheets Placed Vertical
Fasteners: 6d Common Nails, See Detail on Sht. A10
Reinforc: Double "EP Studs @ 17" O.C. w/ 1/2" W/ld Nails @ 12" O.C.
Wall Studs: 2x6 Hem Fir Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss to Wall & House: "SIMPSON" H2.5AE Ea. Truss End
Truss to Beam & Porch: "SIMPSON" H2.5A & Ea. Truss
Plate to Stud: "SIMPSON" SP2
Stud to Sill: "SIMPSON" SP1
Trice Joists: "SIMPSON" A34
Column to Beam (Porches): "SIMPSON" PC46
Column to Base: "SIMPSON" AB46
Anchor Bolts, Anchor Bolts: 1/2" A307 Bolts @ 48" O.C.
Corner Hold-down Devices: "All Thread" Steelwells See Detail Sht. A10

FOOTINGS AND FOUNDATIONS

House Ftg.: 20"x12" w/3-#5 Bars Cont. On Wire Chairs @ 48" O.C.
House Stemwall: 8"x16" CRTL w/5" Vertical Double @ 48" O.C.
Carport Ftg.: 16"x16" w/3-#5 Bars Cont. On Wire Chairs @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE 2020, TTH EDITION.

Doors / Windows

TYPE, DOOR DESIGNATIONS	TYPE, WINDOW DESIGNATIONS
21468 = 28'x80" DOOR	18660 = 20'x12" 5/4 WINDOW
26668 = 30'x60" 5/4 WINDOW	26668 = 30'x60" 5/4 WINDOW
26668 = 32'x80" DOOR	26668 = 32'x80" 5/4 WINDOW
30360 = 36'x36" 5/4 WINDOW	30360 = 36'x36" 5/4 WINDOW
30668 = 36'x80" DOOR	30668 = 36'x80" 5/4 WINDOW
30710 = 36'x84" BARN DOOR	30560 = 36'x60" 5/4 WINDOW
	30660 = 36'x12" 5/4 WINDOW
	40360 = 48'x36" 5/4 WINDOW
	40460 = 48'x48" 5/4 WINDOW

Plan Notes

- A

2x4 N. 2 FIR STUDS @ 16" O.C.
- B

2x6 N. 2 FIR STUDS @ 16" O.C.
- C

28'x10" SHOWER
- D

36'x60" SHOWER
- E

LINEN & TOWEL CLOSET
- F

WALK-IN CLOSET W/SHELF & ROD @ 66" AFF.
- G

CLOTHES CLOSET W/SHELF & ROD @ 66" AFF.
- H

60'x20'x30" H VANITY W/1/1 LAVATORY
- J

40'x108" ISLAND
- K

36" HIGH HANDRAIL
- L

P.T. 6'x6" POSTS, BOXED PER OWNER
- M

TANKLESS GAS WATER HEATER 6.5-8 GPM
- N

80 GAL. PRESSURE TANK
- P

PEX PIPING MANFOLD
- Q

200 AMP SERVICE PANEL
- R

3'x3' HVAC AIR HANDLER CLOSET

Design Data

2255 S.F. - LIVING AREA
133 S.F. - FRONT PORCH
356 S.F. - COVERED REAR LANAI
188 S.F. - (2) CAR CARPORT
3532 S.F. - TOTAL AREA

REV/NO:

DRAWN:

DJR

CUSTOM DESIGNED HOME FOR:
Aaron & Lisa Butler
COLUMBIA COUNTY, FLORIDA
Floor Plan

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386-365-4355
N.C.A.R.B. Certified
ARCHITECT
FLORIDA

DATE:
09/22/2023

COMP:

SHEET:

A.4

4 OF 15

Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
O = AR0007005 OU = ARCHITECT
Date: 2023.09.14 13:57:01 -05'00'

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