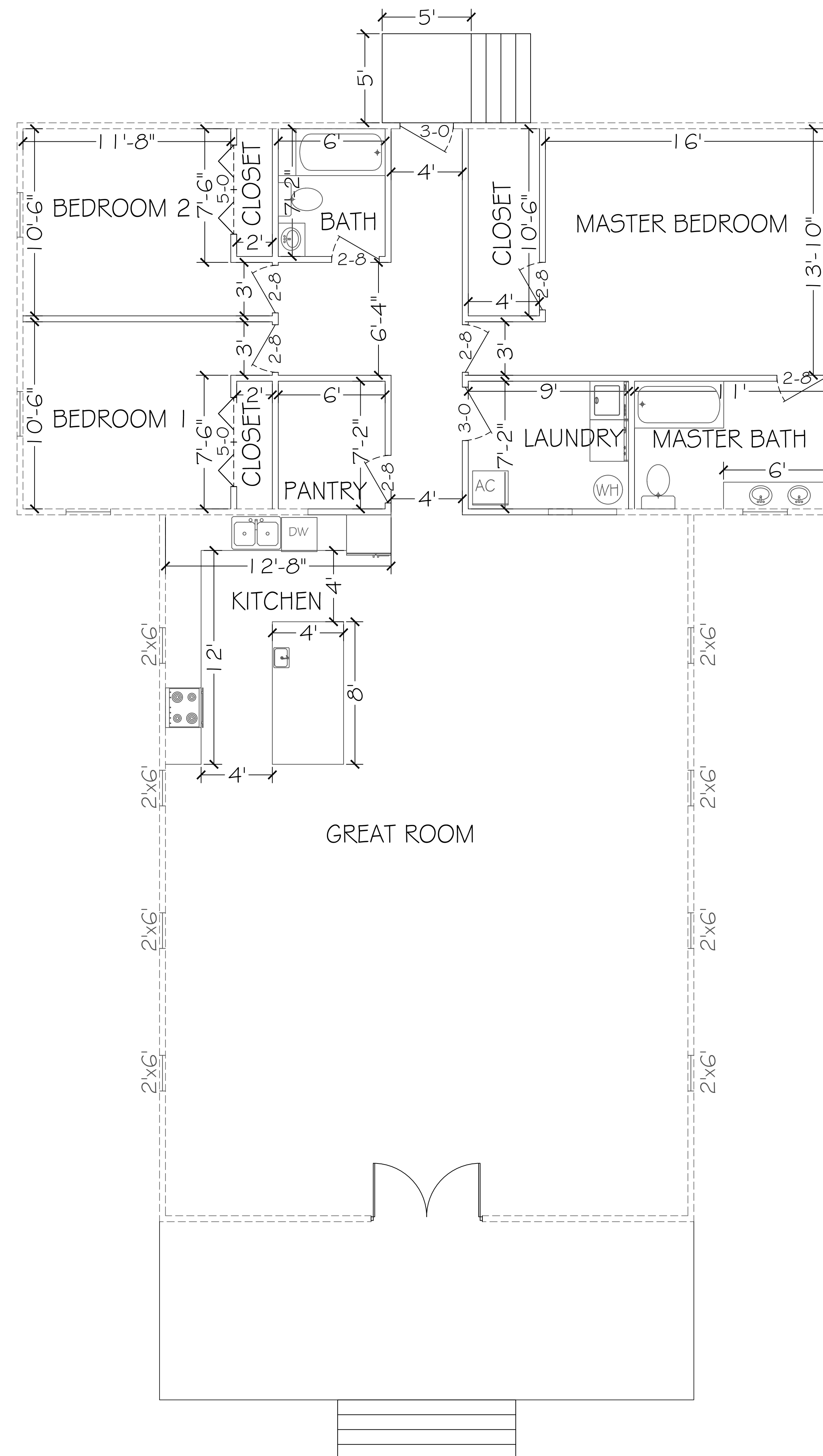


- DESIGN CODES:
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
ASCE 7-10, 2005
NDS, ACI, ATIC, AWP, APA, ICC 600-08
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:
ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE
FLOORS:
LL 40 PSF TOP CHORD
LL 0 PSF BOTTOM CHORD
DL 10 PSF TOP CHORD
DL 5 PSF BOTTOM CHORD
- NUMBER OF STORIES: 1
- TYPE OF CONSTRUCTION: TYPE V-G, UNPROTECTED, UNSPRINKLERED
WIND ZONE INFORMATION
BUILDING: ENCLOSED STRUCTURE
ULTIMATE DESIGN WIND SPEED: 130 MPH
NOMINAL DESIGN WIND SPEED: 110 MPH
BUILDING RISK CATEGORY: II
WIND EXPOSURE CATEGORY: C
INTERNAL PRESSURE COEFFICIENT: $0.18 C_{gp1} \pm$



SCALE: 1/4" = 1'

Digitally signed
by Carol
Chadwick
DN: c=US,
o=Florida,
dnQualifier=A014
10D0000017EB6D
924CE0005954C,
cn=Carol
Chadwick
Date: 2022.04.10
17:41:02 -04'00'

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CROFT RESIDENCE FLOOR PLAN	PROJECT NO. F12/241	DRAWN BY APRIL LO, 2022	CHECKED BY APRIL LO, 2022	CROFT RESIDENCE FLOOR PLAN
CROFT RESIDENCE FLOOR PLAN	PROJECT NO. F12/241	DRAWN BY APRIL LO, 2022	CHECKED BY APRIL LO, 2022	CROFT RESIDENCE FLOOR PLAN

SIMPSON MSTM24,
OR APPROVED EQUAL
@ 72" O.C. -
FASTENERS PER
MANUFACTURER'S
SPECIFICATIONS

EXISTING STRUCTURE

2x8 PT SILL PLATE

1 - #5 CONTINUOUS WITH BOND BEAM W/MIN 25' LAP

1 - #5 rod placed 72" O.C. up through footing
embedded a minimum 6" into footing w/ hooks at each end

3 - #5 rods continuous w/min 25' lap

6"

1'-0 1/2"

(A) STEM WALL FOUNDATION

EX. FLOOR JOISTS

TRIPLE 4X8 PT GIRDER W/ 2x2 PT LEDGER ON EACH SIDE & 2X8 PT PLATE

6' x 16' CMU PIERS WITH GROUTED CELLS

24"

2'

#5 rod placed 72" O.C. up through footing embedded a minimum 6" into footing w/ hooks at each end

(B) SQUARE PIER (CRAWLSPACE)

4x4 p.t. post on ABA44z
base attached to slab using
5/8"x4" threaded anchor

1 - #5 rod continuous w/min 25" lap
2 - #5 rods placed 72" O.C. up through footing
into slab turned minimum 180° each way and
embedded a minimum 6" into footing

2 - #5 rods continuous w/min 25" lap

1/2"

1/2"

(C) Stem wall foundation at porch

FOUNDATION NOTES

1. CRAWLSPACE SHALL HAVE 6-MIL POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED SOIL
2. BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC-RES. SECTION R403.1.4

NOTE:
SOIL UNDER FOOTING SHALL BE
COMPRESSED TO 2000 PSF AT
95% DENSITY. CONCRETE
STRENGTH SHALL BE 2500 PSI



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D924CE0005954C, cn=Carol
Chadwick
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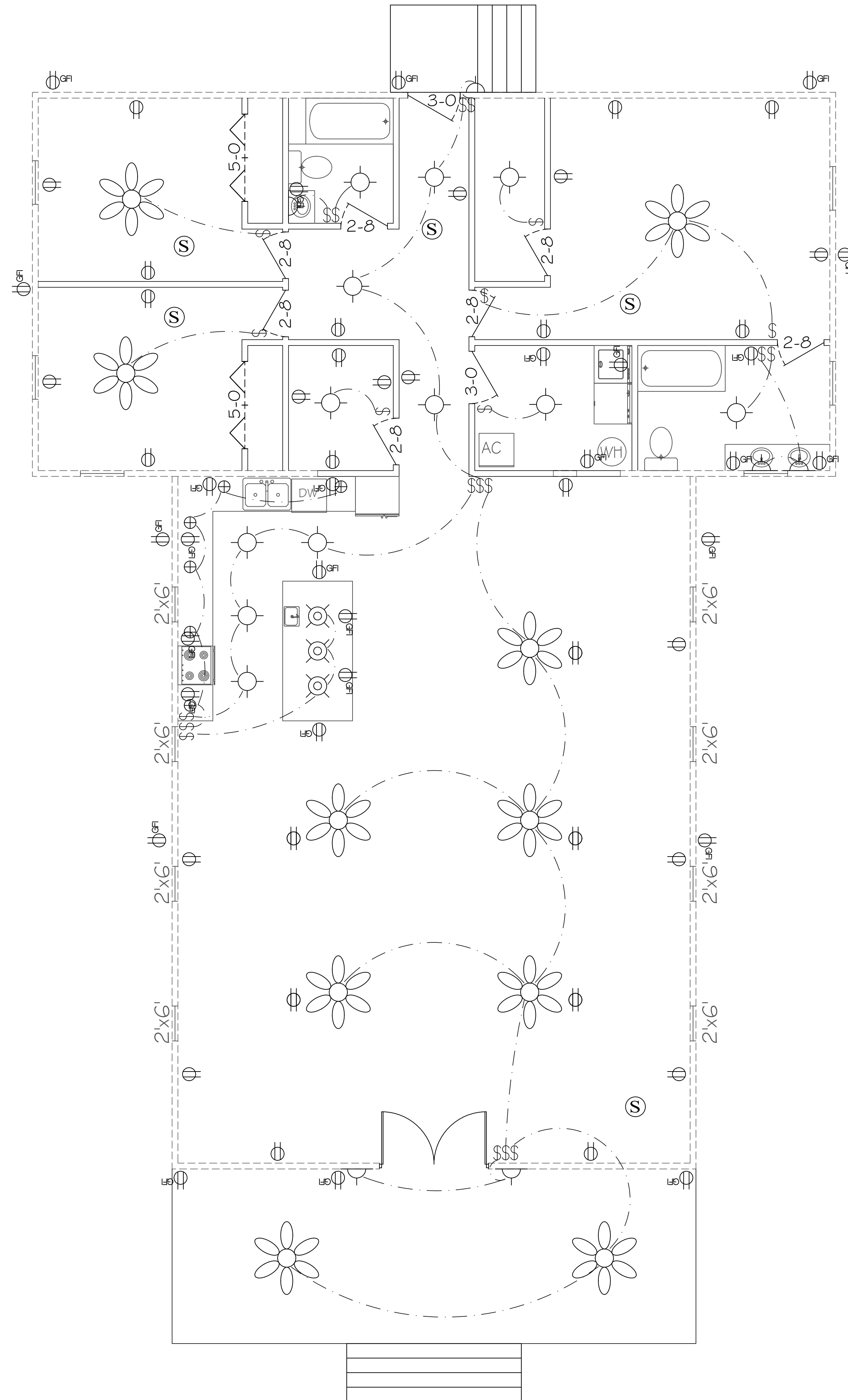
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CROFT RESIDENCE FOUNDATION PLAN		PREPARED FOR CHIEF 4 MEGAN CROFT megcroft31@gmail.com 304.660.5160		CITY OF GREENWICH GREENWICH, GEORGIA 31503-0000 404.333.2200 www.cityofgreenwichga.com	
PROJECT NO.	FL12/241	DATE	APRIL 10, 2022	SCALE	1" = 2'
		DESIGNED BY		CHECKED BY	
		PERMITTED BY		DATE	
		APPROVED BY		DATE	

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LEGEND

-  DUPLEX FLOOR RECEPTACLE
-  DUPLEX WALL RECEPTACLE
-  GFI DUPLEX WALL RECEPTACLE
-  SPST WALL SWITCH
-  LIGHT (BATHROOM SHALL HAVE FAN)
-  PENDENT LIGHT
-  UNDER-CABINET LIGHT
-  120V SMOKE DETECTOR
-  AIR HANDLER
-  CEILING FAN



ALL ELECTRICAL TO BE INSTALLED CURRENT NEC CODE.

1. PROVIDE INTERIOR SWITCH AND EXTERIOR LIGHT IN THE VICINITY OF DOORS.
2. PROVIDE RECEPTACLE OUTLET 6' FROM OPENINGS, ENDS OF WALL, AND 6' ON CENTER
3. PROVIDE AN OUTSIDE GFI, WATER PROTECTED RECEPTACLE OUTLET NEAR EGRESS DOORS AT AIR CONDENSER UNIT, AND NEAR GARAGE DOOR OPENING.
4. BATHROOM OUTLETS TO BE GFCI WITH A SEPARATE 20 AMPS CIRCUIT.
5. PROVIDE SMOKE DETECTOR AS BY BLDG CODE, IN THE BEDROOMS AND HALLWAYS WITHIN 10' SERVING SUCH ROOMS.
6. ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE 15 AND 20 AMPERE OUTLETS INSTALLED IN DWELLING UNIT SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
7. LIGHT FIXTURE IN CLOTHES CLOSET SHALL BE SURFACE-MOUNTED INCANDESCENT FIXTURE WITH COMPLETELY ENCLOSED LAMP ON THE WALL ABOVE DOOR OR ON CEILING WITH MIN 12" CLEAR TO STORAGE AREA.
8. FLUORESCENT GENERAL LIGHTING IS REQUIRED IN BATHROOM AND KITCHEN A 40 LUMENS PER WATT EFFICIENCY LAMP IS REQUIRED
9. LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES MUST HAVE LABEL STATING "SUITABLE FOR DAMP LOCATIONS"
10. RECESSED CEILING FIXTURES MUST BE IC RATED
11. ALL RECEPTACLES AT KITCHEN COUNTER SHALL BE GFCI. PROVIDE TWO MINIMUM SEPARATE 20-AMP CIRCUITS TO KITCHEN APPLIANCES
12. EACH SEPARATE KITCHEN COUNTER SPACE 12" OR WIDER SHALL HAVE A RECEPTACLE OUTLET
13. KITCHEN RECEPTACLE OUTLET SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL IS MORE THAN 24" FROM A RECEPTACLE OUTLET
14. ISLAND AND PENINSULA COUNTER TOPS 12" OR WIDER SHALL HAVE AT LEAST ONE RECEPTACLE OUTLET FOR EACH 4' OF COUNTER TOP.
15. NOT LESS THAN 75% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS OR NOT LESS THAN 75% OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.
16. ALL CIRCUITS IN GARAGE AREA TO BE GFI RATED 125 VOLT SINGLE PHASE 20 AMPERE

Digitally signed by Carol Chadwick DN: cn=CS, o=Florida, dnQualifier=A01, 410200000071E86, D924CE0005954, C=US, Chadwick Date: 2022.04.10 17:41:59 -0400



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CROFT RESIDENCE ELECTRIC PLAN	
DATE: 4/10/2022	SCALE: 1/4" = 1'
PROJECT: 21-241	
SHEET: 5-3	