

B.1

[illegible]

SET BACK PLAN(footprint unchanged)
1" = 30'-0"



REMODEL PLAN

Date _____

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Description

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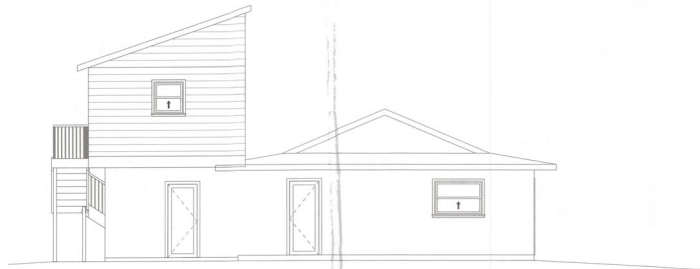
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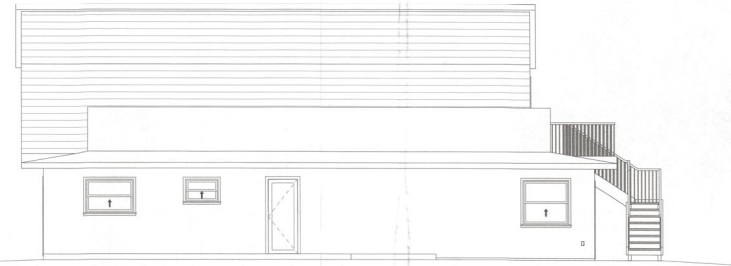
1



FRONT ELEVATION
3/16" = 1'-0"



REAR ELEVATION
3/16" = 1'-0"



LEFT ELEVATION
3/16" = 1'-0"



RIGHT ELEVATION
3/16" = 1'-0"

BLDG PERMIT PLANS
FILE
Copy of Record

RECEIVED
FEB 13 2024
TOWN OF LONGBOAT KEY
Planning, Growth & Building

No.	Description	Date

REMODEL PLAN	ELEVATIONS
Project number	1000001
Client	001/201/1/1
Drawn by	2441 024 02
Checked by	LONGBOAT KEY, FL 34228

B.2



HNP
STRUCTURAL ENGINEERING
12574 ST. N. SUITE 200
BRANDSTON, FLORIDA 34208
941.504.6408
hnpengineering.com

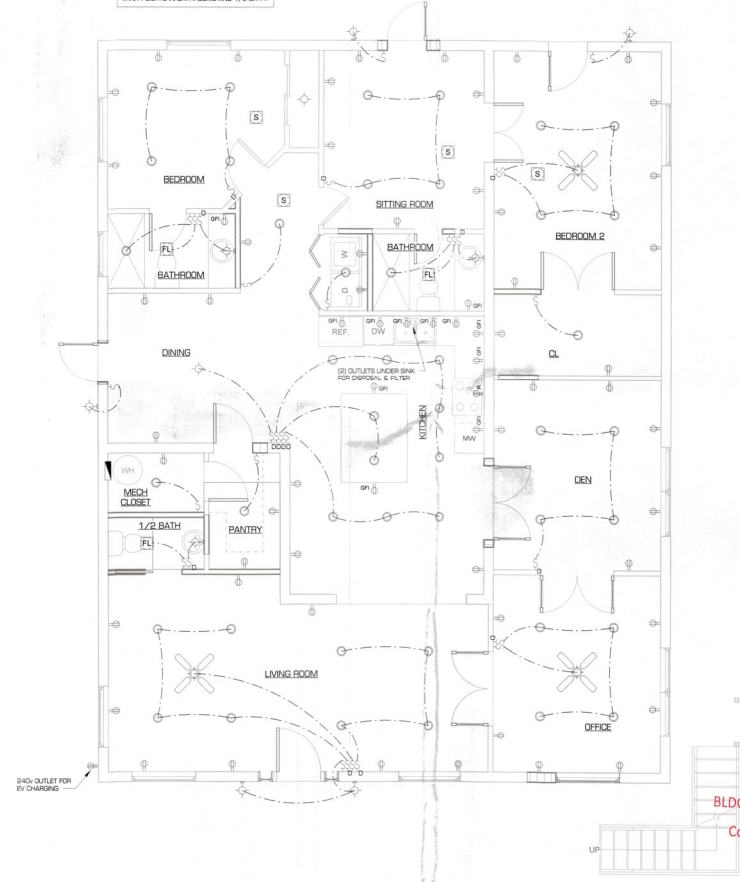
THE STRUCTURAL ENGINEER CERTIFIES THAT, TO THE BEST OF HIS KNOWLEDGE, THE DESIGN REPRESENTED BY THESE DRAWINGS COMPLIES WITH FLORIDA BUILDING CODE, 2020 FBC 620.

ELECTRICAL LEGEND:

	48" DBL. BULB DECORATIVE FLUOR. FIXTURE
	SURFACE MOUNTED INCANDESCENT LIGHT
	LOW VOLTAGE 1" "STAR LIGHT"
	WALL MOUNTED INCANDESCENT LIGHT
	RECESSED INCANDESCENT LIGHT
	RECESSED INCANDESCENT LIGHT, ARTICULATED
	EXHAUST FAN
	EXTERIOR FLOODLIGHT
	120V SMOKE AND CARBON MONOXIDE DETECTOR / ALARM w/ BATTERY BACKUP (TO BE A.C. D.C. INTERCONNECTED)
	EXHAUST FAN AND LIGHT
	PADDLE FAN
	PADDLE FAN w/ LIGHTS
	BIPOLE SWITCH AT 42" AFF EXCEPT AS NOTED
	3 POLE SWITCH
	FAN SWITCH
	DIMMER SWITCH
	3 POLE SWITCH, W/DIMMER LEG
	AIR ACTIVATED SWITCH
	110v WATERPROOF DUPLEX RECEPTACLE
	110v DUPLEX RECEPTACLE
	GFI DENOTES GROUND FAULT INTERRUPT CIRCUIT
	110v DUPLEX RECEPTACLE (FLOOR OUTLET)
	220v RECEPTACLE OUTLET
	SPECIAL PURPOSE OUTLET
	TELEPHONE PREWIRE - INCL. FACE PLATE
	LIGHTING TRANSFORMER
	TV PREWIRE - INCL. FACE PLATE
	JUNCTION BOX
	A/C DISCONNECT SWITCH
	ELECTRICAL PANEL

GENERAL NOTES:
PLUMBING, AIR CONDITIONING (HVAC) AND ELECTRICAL DETAILS SHOWN ARE SCHEMATIC AND ARE NOT INTENDED TO BE A COMPLETE SYSTEM DESIGN. THE CONTRACTOR SHALL SUBMIT A DESIGN OF COMPLETE SYSTEMS TO THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
ARC FAULT INTERRUPTERS IN ALL BEDROOMS.
SMOKE DETECTORS SHALL BE LOW VOLTAGE WITH BATTERY BACK-UP TO BE INSTALLED INSIDE EACH SLEEPING ROOM AND IN THE IMMEDIATE OUTSIDE AREA OF EACH SLEEPING ROOM. PER NFPA 72 CHAPTER 2-2.1.1.1. AND SBCC 905.2.

NOTE: DIMMER SWITCHES TO BE USED FOR RECESSED LIGHTS IN LIVING ROOM, OFFICE, DEN, KITCHEN, BEDROOM, SITTING ROOM, AND HALLWAY LIGHTS IN BEDROOMS AND 1/2 BATH.



GROUND FLOOR ELECTRICAL SCHEMATIC
1/4" = 1'-0"



HANP
STRUCTURAL ENGINEERING
6505 157TH ST N, SUITE 200, BIRMINGHAM, AL 35244-1400
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FEB 13 2024
TOWN OF LONGBOATKEY
Planning, Zoning & Building

BLDG PERMIT PLANS
FILE
Copy of Record

REMODEL PLAN	ELECTRICAL
Project number: 7041 PZS	Project number: 1000181
Date: LONGBOAT KEY, FL 34228	Date: 02/09/2024
Drawn by: [blank]	Drawn by: [blank]

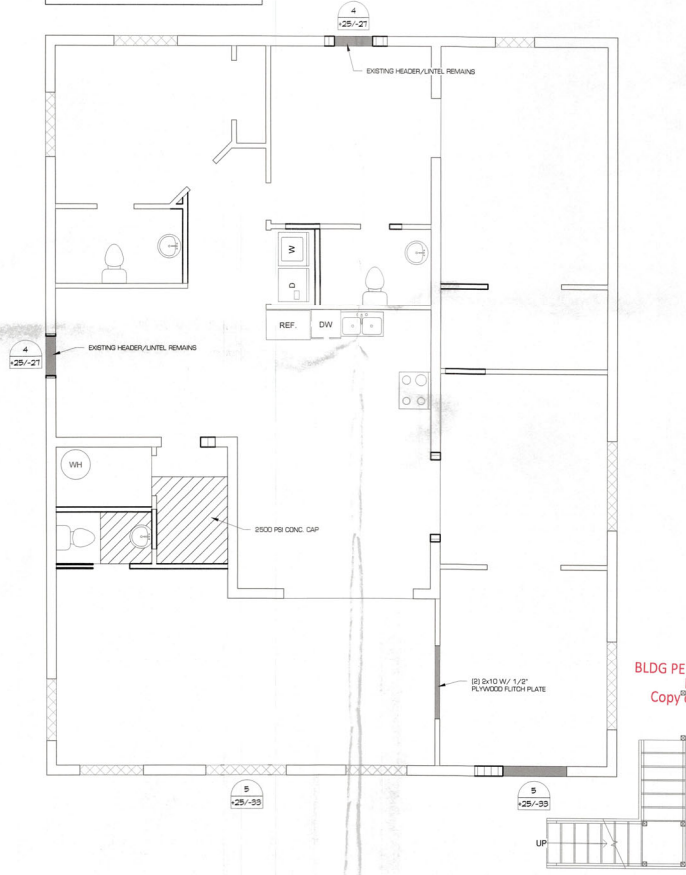
No.	Description	Date

THE STRUCTURAL ENGINEER CERTIFIES THAT, TO THE BEST OF HIS KNOWLEDGE, THE DESIGN REPRESENTED BY THESE DRAWINGS COMPLIES WITH FLORIDA BUILDING CODE, 2003 (B1) ED.

B.3

DESIGN NOTE:	
THE MODIFICATIONS TO THIS STRUCTURE HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA RESIDENTIAL CODE 2023 EDITION (EXISTING BUILDING)	
L =	4.0 FEET
2L =	8.0 FEET
H =	12.0 FEET
RISK CATEGORY	I
WIND SPEED =	140 MPH
CODE	FL RESIDENTIAL CODE 2023
WIND EXPOSURE	D
ENCLOSED STRUCTURE	(SC = +0.18)
ROOF LOADINGS	
TOP CHORD LIVE LOAD	30 PSF
TOP CHORD DEAD LOAD	15 PSF
BOTTOM CHORD DEAD LOAD	10 PSF
TOTAL	55 PSF

STRUCTURAL NOTES	
1.	THE OWNER AND/OR THE CONTRACTOR SHALL VERIFY ALL DETAILS, SETBACKS, LOT COVERAGE AND DIMENSIONS PRIOR TO START OF CONSTRUCTION.
2.	ANCHOR BOLTS SHALL BE DELIVERED AS PER ASTM A307.
3.	ALL FRAMING LUMBER SHALL BE SOUTHERN YELLOW PINE (SPF) CONSTRUCTION, GRADE NUMBER 2 OR BETTER, LUMBER R1 CONTACT WITH GROUND, CONCRETE, OR MASONRY SHALL BE PRESURE TREATED.
4.	ALL EXPOSED STRUCTURAL METAL CONNECTORS SHALL BE STAINLESS STEEL, OR HOT DIPPED GALVANIZED AND SHALL BE SIMPSON, USP, OR EQUIVALENT.
5.	ALL FILL SHALL BE CLEAN COURSE SAND COMPACTED TO 98% BY HEAVY VIBRATORY ROLLERS TO MAXIMUM LIFT OF 8" AND CONFORM TO ASTM D 1557.
6.	ALL REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE 60.
7.	ALL DOORS AND WINDOWS SHALL BE SELECTED BY THE CONTRACTOR TO MATCH THE ARCHITECTURAL SPECIFICATIONS AND MEET THE WIND LOAD REQUIREMENTS FROM THE FLORIDA BUILDING CODE 2023. CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION TO BUILDING DEPARTMENT THAT EACH SELECTED WINDOW MEETS THE DESIGN CRITERIA.
8.	ALL STAINLESS STEEL ITEMS TO BE GRADE A316.
9.	ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF FOR HORIZONTAL PILES. SUBMITTING TO 10' DEPTHS.
10.	CONTRACTOR RESPONSIBLE FOR WATERPROOFING STRUCTURE.
ENGINEER CERTIFIES STRUCTURAL COMPONENTS ONLY	



SLAB AND WINDOW PRESSURE PLAN
 1/4" = 1'-0"

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 Copy of Record



HNP
 STRUCTURAL ENGINEERING
 5850 12TH ST NW, SUITE 200, WASHINGTON, ALABAMA 35602
 944.552.6438
 hnp@hnpengineering.com

REMODEL PLAN	STRUCTURAL PLAN
Project number: 7441 024 02	Project number: 1000181
Date: LONGBOAT KEY, FL 34228	Date: 02/09/2024
Drawn by:	Drawn by:

S1

THE STRUCTURAL ENGINEER CERTIFIES THAT, TO THE BEST OF HIS KNOWLEDGE, THE DESIGN REPRESENTED BY THESE DRAWINGS COMPLIES WITH FLORIDA BUILDING CODE, 2023 (2023) 1711.01