

BUILDING AREA	
NEW	
LIVING CONDITIONED	1,269
ENTRY PORCH	46
CAR GARAGE	466
<b>GRAND TOTAL</b>	<b>1,781</b>

WINDOW SCHEDULE				
ID	MANUFACTURER	WIDTH	HEIGHT	REMARK
W 01	SH43050	30"	60"	
W 02	SH43030	24"	36"	ORIGINAL FACILITY
W 03	48" X 12" TRANOM	48"	12"	N/A
W 04	SH43030	30"	36"	N/A

DOOR SCHEDULE				
ID	MANUFACTURER	WIDTH	HEIGHT	REMARK
INTERIOR DOORS				
D01	2886	32"	80"	1/2" SLAB SWEEP DOOR
D02	5068	60"	80"	GLASS SWING DOOR
D03	2068	24"	80"	GLASS SWING DOOR
D04	5068	60"	80"	GLASS SWING DOOR
D05	1668	18"	80"	
EXTERIOR DOORS				
D06	9068	108"	80"	SLIDING GLASS DOOR - SEE OWNER FOR OPERABLE LEAF CONFIGURATION
D07	3068	30"	80"	EXTERIOR METAL FRONT DOOR
D08	192" X 72" CARAGE DOOR	192"	84"	CARAGE DOOR
D04	2866	30"	80"	SOLID CORE METAL

**GENERAL CONSTRUCTION NOTES**

- ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS NOTED OTHERWISE.
- FIELD VERIFY ALL DIMENSIONS.
- PROVIDE 2X4 BLOCKING BEHIND ALL WALL MOUNTED CABINETS.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BOARD BEHIND ALL SINKS AND IN WET AREAS.
- COORDINATE INTERIOR FINISHES WITH OWNER.
- ALL GROUND FLOOR PLANS SHALL BE 8" CEILING UNLESS OTHERWISE NOTED.
- PROVIDE R-38 (MIN) INSULATION ABOVE CEILING. IN ATTIC. PROVIDE R-13 INSULATION @ ALL WOOD FRAME WALLS.
- FIELD VERIFY ALL CABINETS DIMENSIONS BEFORE MANUFACTURING.

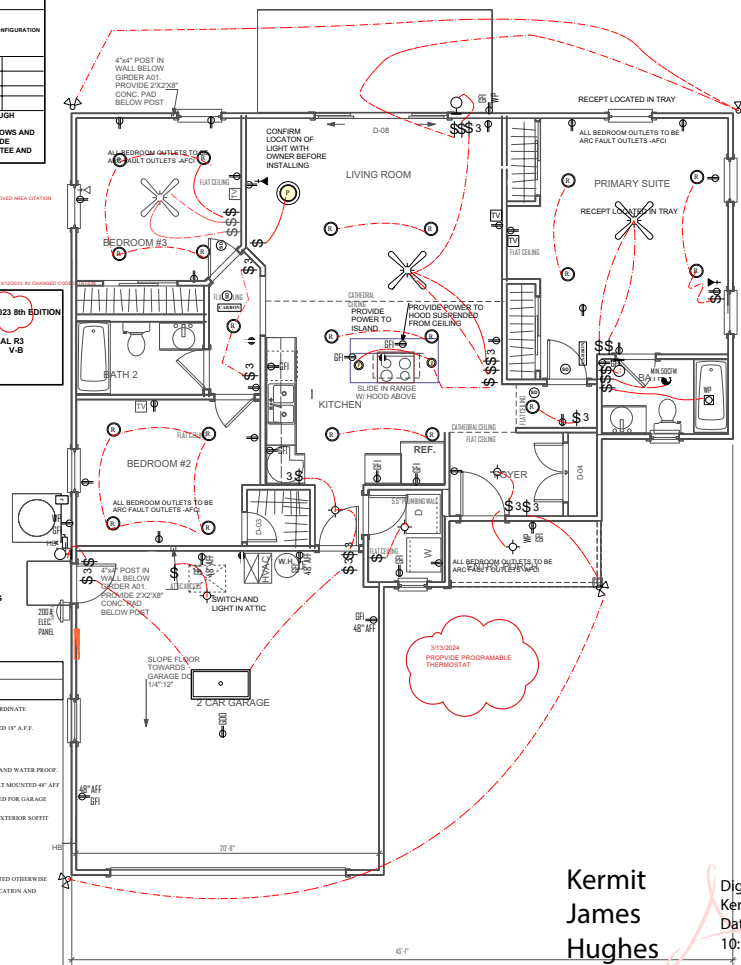
WALL SCHEDULE	
1"	1" PLUMBING WALL (SHOWN ACTUAL 1 1/2")
1/2"	1/2" PARTITION WALL (SHOWN ACTUAL 3/4")
4"	4" EXTERIOR LOAD BEARING WALL TO TOP PLATE (SHOWN ACTUAL 1 1/2")
8"	8" PARTITION WALL
12"	12" HIGH PARTITION WALL W/ PLANT SHELF ABOVE

**FLORIDA RESIDENTIAL CODE 2023 8th EDITION WITH UPDATES.**

OCCUPANCY CLASS RESIDENTIAL R3  
TYPE OF CONSTRUCTION UNPROTECTED UNSPRINKLED

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(Symbol)	WALL MOUNTED LIGHT, STYLE BY OWNER	(Symbol)	DUPLEX FLOOR RECEPTACLE COORDINATE LOCATION IN FIELD
(Symbol)	MOISTURE RESISTANT EXTERIOR GRADE WALL MOUNTED LIGHT, STYLE BY OWNER	(Symbol)	100 DUPLEX RECEPTACLE MOUNTED 18" A.F.F.
(Symbol)	DECORATIVE WALL SCONCE, STYLE BY OWNER	(Symbol)	200 DUPLEX RECEPTACLE
(Symbol)	WALL MOUNTED LIGHT	(Symbol)	100 RECEPTACLE GROUND FAULT
(Symbol)	EXTERIOR FLOOD LIGHT	(Symbol)	100 RECEPTACLE GROUND FAULT AND WATER PROOF
(Symbol)	DIRECTIONAL RECESSED CAN LIGHT	(Symbol)	100 RECEPTACLE W/ GROUND FAULT MOUNTED 48" AFF
(Symbol)	RECESSED CAN	(Symbol)	100 RECEPTACLE CEILING MOUNTED FOR GARAGE DOOR OPENER
(Symbol)	SMALL PENDANT LIGHT	(Symbol)	SWITCHED RECEPT MOUNTED IN EXTERIOR ROFFIT
(Symbol)	CHANDLIER PENDANT LIGHT	(Symbol)	TELEPHONE DATA OUTLET
(Symbol)	WATER PROOF CAN LIGHT	(Symbol)	3-WAY SWITCH
(Symbol)	CEILING FAN WITH LIGHT KIT, STYLE BY OWNER	(Symbol)	EXHAUST FAN IN CFM UNLESS NOTED OTHERWISE
(Symbol)	17"X4" FLUORESCENT LIGHT	(Symbol)	CABLE OUTLET, COORDINATE LOCATION AND AMBIENT W/ OR N/A
(Symbol)	17"X4" FLUORESCENT LIGHT	(Symbol)	SMOKE DETECTOR
(Symbol)	17"X24" FLUORESCENT LIGHT	(Symbol)	A/C DISCONNECT
(Symbol)	SMALL FLUORESCENT UNDER CABINET LIGHT	(Symbol)	JUNCTION BOX
(Symbol)	CARBON MONOXIDE DETECTOR	(Symbol)	METER
(Symbol)		(Symbol)	PANNE BOX

NOTE: ALL ELECTRICAL RECEPTACLES IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, BENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLS AND/OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.



**Kermit James Hughes**  
Digitally signed by Kermit James Hughes  
Date: 2024.05.17 10:14:55 -04'00'

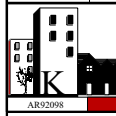
**REVIEWED**  
BY: [Signature]  
DATE: 05-16-2024

**DATE ISSUED: 05-16-2024**  
**REVISION:**  
**DRAWN BY: KERMIT**  
**APPROVED BY: KERMIT**

**FLOOR PLAN ELECTRICAL**  
**FLOOR PLAN NOTES/ELECTRICAL PLAN**

**NEW RESIDENCE Winker Model**  
**817 NW 13th Ave**  
**MODEL PLAN**

**KERMIT HUGHES ARCHITECT**  
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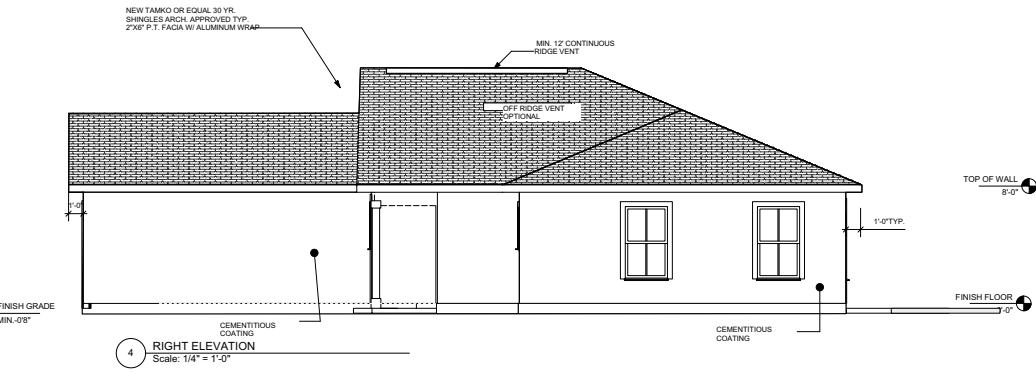
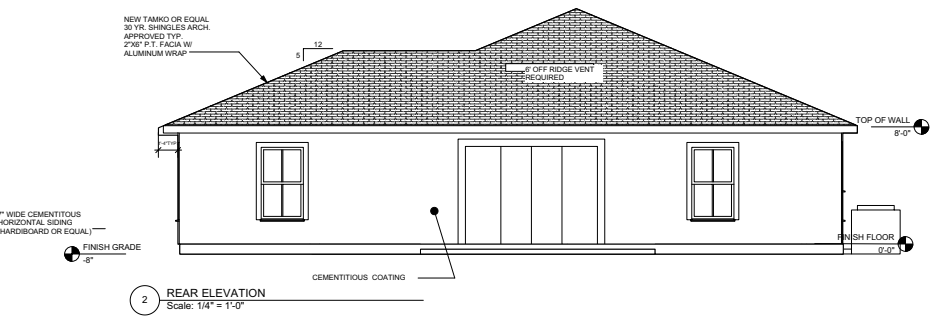
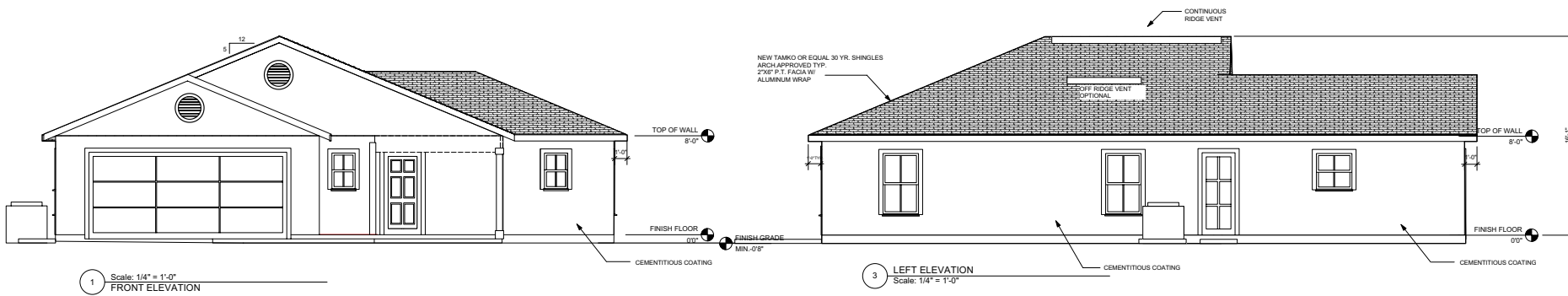


AR20298

**SHEET NO. A100**  
1 OF 4

**2 ELECTRICAL PLAN**  
Scale: 1/4" = 1'-0"

**REVIEWED**  
 City of Ocala Building Department  
 BLDG#2128  
 5000004  
 1500 POUND PER SQ. FOOT UNIFORM LOADS SHALL BE APPLIED TO ALL ROOFS UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM WIND SPEED OF 120 MPH UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM UPLIFT OF 10 PSF UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM DOWNDRIFT OF 10 PSF UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM HAIL OF 1.25 IN. UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM ICE LOAD OF 10 PSF UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM SNOW LOAD OF 10 PSF UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM WIND BURNING RESISTANCE OF 15 MINUTES UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM WIND BURNING RESISTANCE OF 15 MINUTES UNLESS OTHERWISE SPECIFIED. ALL ROOFS SHALL BE DESIGNED TO RESIST A MINIMUM WIND BURNING RESISTANCE OF 15 MINUTES UNLESS OTHERWISE SPECIFIED.



**Ventilation Calculation**

Area of conditioned space 1269 SQ. FT.  
 Convert to square inches 182736 SQ. IN.

Required vented area is 1/300 of total conditioned space.  
 If 40-50% of ventilation is within 3' of ridge  
 Total vented area is 1/300 X 182736 = 609.12 SQ. IN.

50% of the total vented area is 304.56 SQ. IN.

**RIDGE VENT PORTION OF VENTILATION**  
 TOTAL FEET OF RIDGE VENT 13 FT  
 RIDGE VENT TYPICAL 20 SQ. IN. CLEAR SPACE PER FOOT 20 SQ. IN. X 12 = 240 SQ. IN.

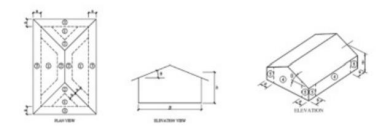
**REMAINDER REQUIRED IN OFF RIDGE VENTS** 304.56 - 240 = 64.56

**OFF RIDGE VENT PORTION OF VENTILATION**  
 12250 IN. PER 6" OF OFF RIDGE VENT  
 REMAINDER REQUIRED 64.56  
 OFF RIDGE VENT PORTION OF VENTILATION = 64.56 / 12250 = 0.52918  
 NUMBER OF OFF RIDGE VENTS REQUIRED, ROUNDED TO 1  
 1 NO OFF RIDGE VENT REQUIRED

**SOFFIT VENT**  
 TOTAL FEET OF SOFFIT 152  
 4 SQ. IN. OPEN PER FOOT OF SOFFIT VENT FOR 12" OVERHANG 4 SQ. IN. X 152 = 608

**PROVIDE** 12 FT. RIDGE VENT TOTAL 3 LOCATIONS  
 1 OFF RIDGE VENT AT EACH NO OFF RIDGE VENT REQUIRED  
 CONTINUOUS SOFFIT VENT

#4 CHANGED CODE CYCLE AND DESIGNED TO 2023 8TH EDITION



- ZONE 2, 2 & 3 USE FASTENERS @ 4" O.C. ON SHEET EDGES AND 4" O.C. IN SHEET FIELD
- SPACE FASTENERS 4" O.C. MIN. @ GABLE ENDWALL OR GABLE TRUSS.

FASTENERS SHALL BE 80 RING SHANKED

**COMPONENT & CLADDING DESIGN PRESSURES:**

COMPONENT & CLADDING DESIGN PRESSURE LOADS: SUPPLIERS / MANUFACTURERS OF ALL CLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWNINGS, ETC.) SHALL SUBMIT REPORTS & DATA REVIEWED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE, 2023 8TH EDITION WITH SUPPLEMENTS.

BASIC WIND SPEED 140 MPH ROOF SLOPE 20-27° INTERNAL PRESSURE COEFFICIENT .18  
 'X' DIMENSION = 4'

**COMPONENT & CLADDING**

COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (per Risk Category 2)

Zone	Effective Wind Area	140	
		POS	NEG
Gable Roof > 20 to 37 degrees	1' 10'	15.8	-28.3
	1' 20'	13.9	-25.1
	1' 50'	10.8	-20.8
	1' 100'	8.6	-17.6
	2' 10'	15.8	-36.1
	2' 20'	13.9	-33.7
	2' 50'	10.8	-29.6
	2' 100'	8.6	-25.2
	3' 10'	15.8	-39.1
	3' 20'	13.9	-37.7
	3' 50'	10.8	-33.9
	3' 100'	8.6	-31.2
Walls	4' 10'	21.2	-22.9
	4' 20'	20.2	-22.9
	4' 50'	18.8	-20.7
	4' 100'	18.0	-19.8
	5' 10'	21.2	-28.3
	5' 20'	20.2	-28.4
	5' 50'	18.8	-23.9
	5' 100'	18.0	-22.0

Kermit James Hughes

ELEVATIONS  
 FRONT, RIGHT, REAR & LEFT ELEVATIONS  
 ROOF PLAN

NEW RESIDENCE Winker Model  
 PORTIONS OF LOT 4 BLOCK 2 RANGE 4 MODEL PLAN

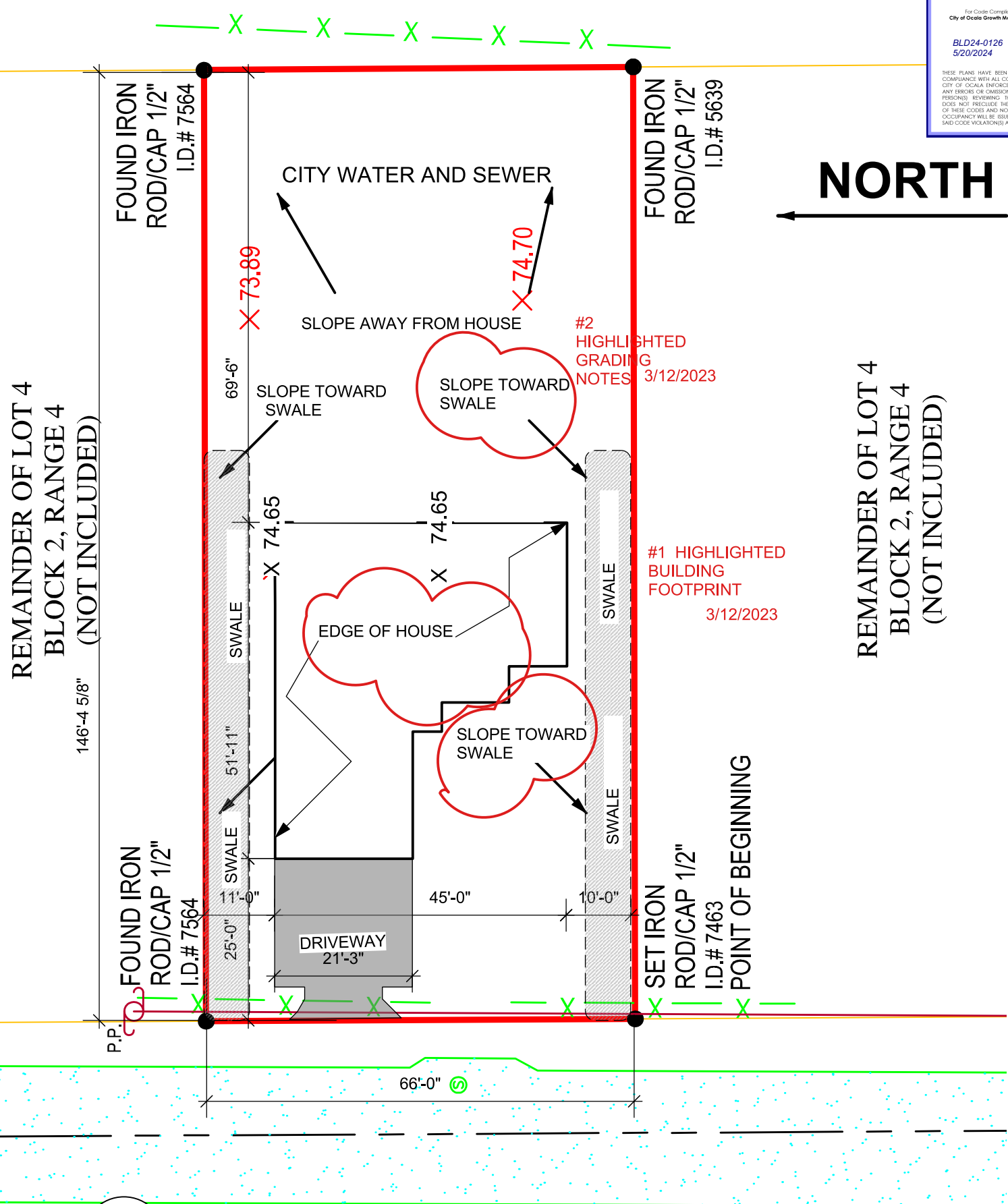
DATE ISSUED: 03-13-2024  
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 DRAWN BY: KERMIT  
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AR2098

Digitally signed by Kermit James Hughes  
 Date: 2024.03.13 15:08:01 -04'00'

SHEET NO. A200  
 2 OF 4



**NORTH**

2

**SITE PLAN**  
Scale: 1" = 20'-0"

xxx NW 13th St  
Ocala, FL 34475