

KERMIT HUGHES, ARCHITECT



ARCHITECTURE, DESIGN
& OTHER SERVICES
COMMERCIAL & RESIDENTIAL

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8/15/2022

Greetings,

This letter is to address the revisions to the Irma Model.

The garage was turned to a side entry garage and the front porch was extended slightly which changed the look of the entry. Some material changes were made on the front elevation. These revisions are to address the Home Owner's Association's requirements.

Sincerely,

Kermit Hughes



Kermit Hughes
c=US, st=Florida,
l=Ocala, o=Kermit
James Hughes,
cn=Kermit
Hughes
2022.08.15
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IRMA MODEL
JBSCM

LAKE CITY

KERMIT HUGHES
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GENERAL NOTES

ALL DRAWINGS AND SPECS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF KERMIT HUGHES ARCHITECT. THESE PLANS AND SPECS SHALL NOT BE DUPLICATED, REPRODUCED OR REVISED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF KERMIT HUGHES ARCHITECT ANY REVISION, ADDITION OR DELETION TO THE SCOPE, DESIGN, OR INTENT BY ANYONE OTHER THAN KERMIT HUGHES ARCHITECT WILL ABSOLVE KERMIT HUGHES ARCHITECT FROM ANY RESPONSIBILITY, SUITS, LITIGATION, OR LIABILITY CLAIMS RELATED TO THE PROJECT.

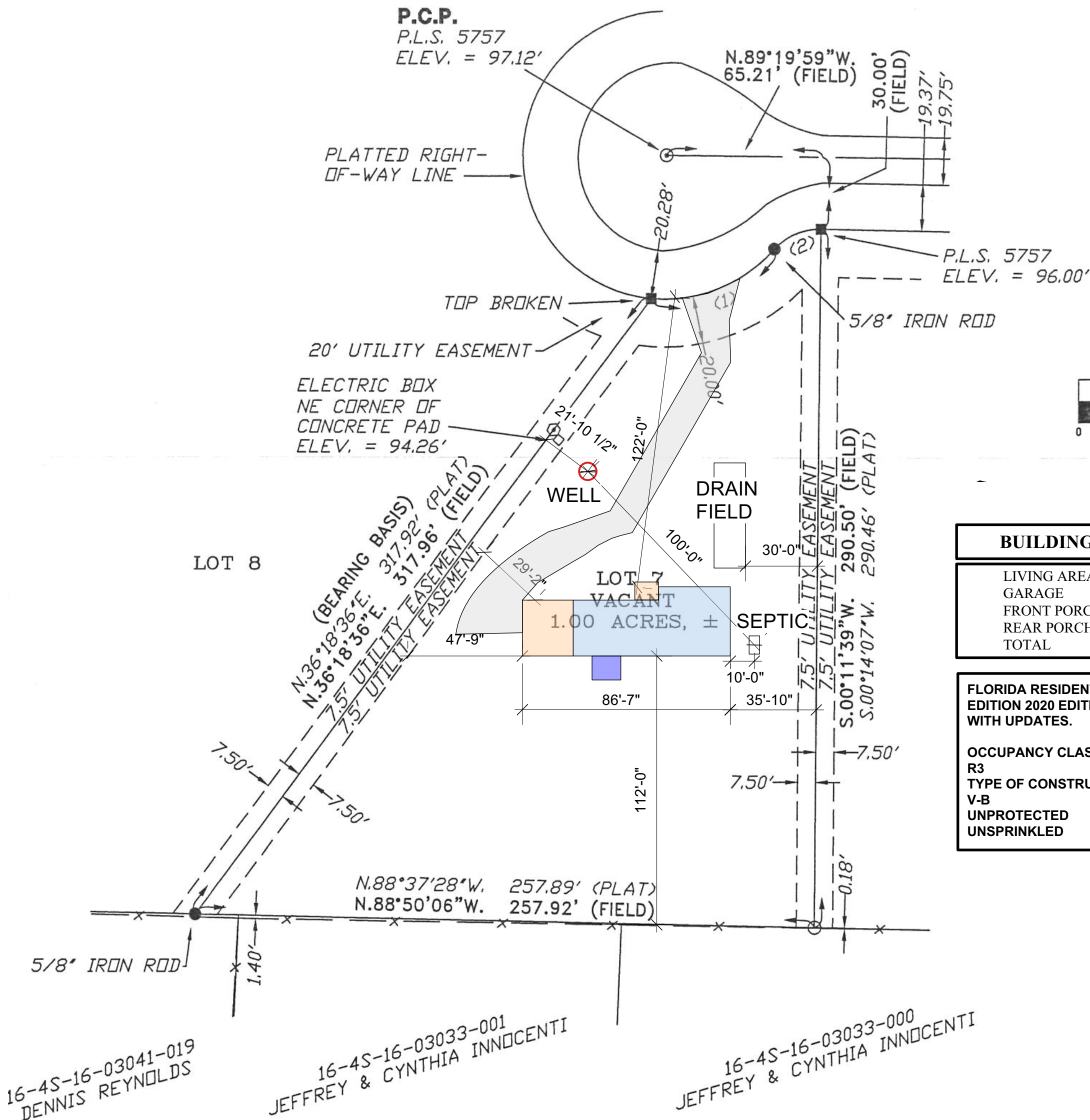
CONTRACTOR / OWNER SHALL INSPECT AND VERIFY THE SCOPE OF WORK AND CHECK ALL DIMENSIONS PRIOR TO CONSTRUCTION. ANY ADDITIONAL WORK APPARENT DURING FIELD INSPECTION BUT NOT SPECIFICALLY NOTED ON THE DRAWINGS SHALL BE CONSIDERED AS PART OF THE SCOPE OF WORK.

ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

SITE LOCATION

BOUNDARY SURVEY IN SECTION 16, TOWNSHIP 4 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

DESCRIPTION:
LOT 7, KIMBERLY OAKS, A SUBDIVISION ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGES 198-199 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.



SITE PLAN

1 SITE LOCATION
Scale: 1" = 40'-0"

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AR92098



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James Hughes,
cn=Kermit Hughes
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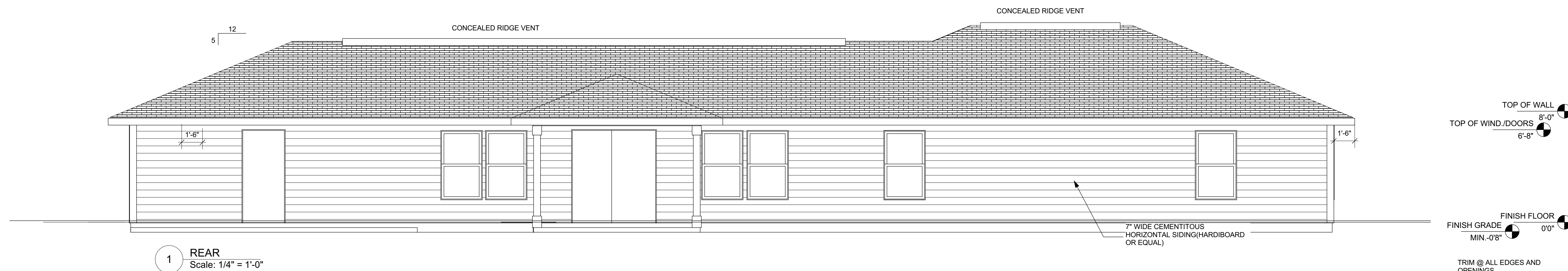
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APPROVED BY :	KERMIT

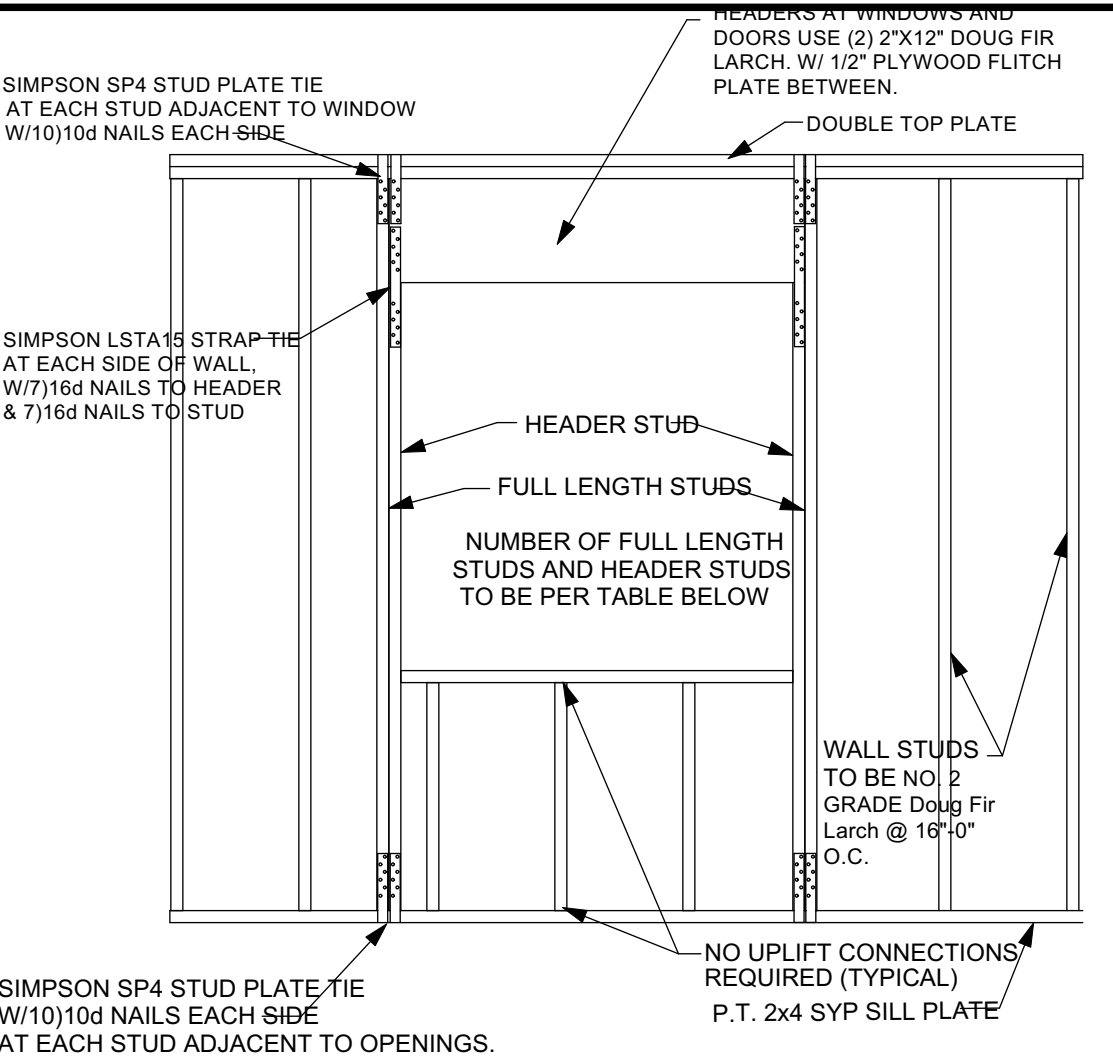
<p>JBCM</p> <p>IRMA MODEL</p>	<p>LAKE CITY FLORIDA</p>
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A200
2 OF 4



**WELL TREATED MACHINED
LL IN 8" LIFTS COMPACTED
TO 95% DRY DENSITY.**

3 OF 4



MAXIMUM HEADER SPAN IN FEET						
3'	6'	9'	12'	15'	16'	
NUMBER OF HEADER STUDS SUPPORTING END OF HEADER						
1	1	2	2	2	2	
NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER						
10 FT. OR LESS	16 IN.	1	2	2	2	2
GREATER THAN 10 FT.	16 IN.	1	2	2	3	3

FRAMING DETAILS FOR OPENINGS

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, AWINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE, 2020 7th EDITION WITH SUPPLEMENTS

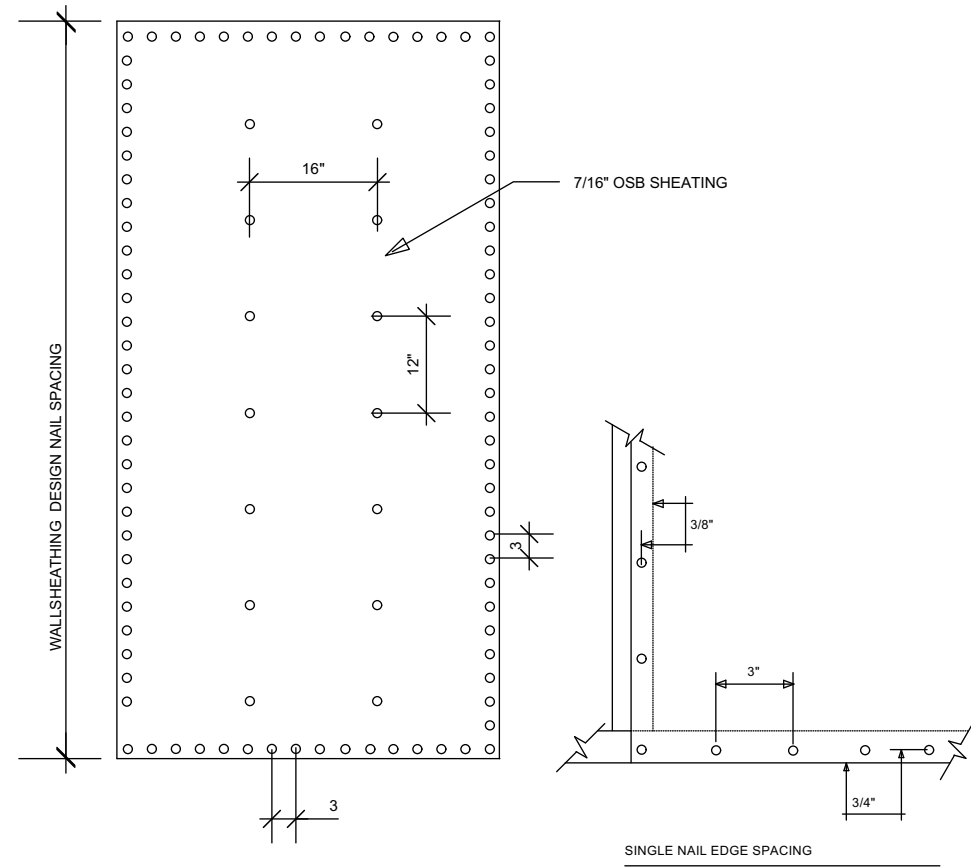
BASIC WIND SPEED 140 MPH ROOF SLOPE 20°-27° INTERNAL PRESSURE COEFFICIENT .18

*A' DIMENSION = 4'

COMPONENT & CLADDING

COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf) RISK CATEGORY II

	ZONE	EFFECTIVE WIND AREA	POS	NEG
HIP ROOF >20 TO 27 DEGREES	1	10	15.8	-28.3
	1	20	13.6	-25.1
	1	50	10.8	-20.8
	1	100	10.0	-17.6
	2e, 2r, 3	10	15.8	-39.1
	2e, 2r, 3	20	13.6	-34.9
	2e, 2r, 3	50	10.8	-29.4
	2e, 2r, 3	100	10.0	-25.3
WALLS	ZONE	EFFECTIVE WIND AREA	POS	NEG
	4	10	21.2	-22.9
	4	20	20.2	-22.0
	4	50	19.0	-20.7
	4	100	18.0	-19.8
	4	500	15.8	-17.6
	5	10	21.2	-28.3
	5	20	20.2	-26.4
	5	50	19.0	-23.9
	5	100	18.0	-22.0
	5	500	15.8	-17.6



SHEATHING NAILING PATTERN

SHINGLE INSTALLATION DETAILS

APPLY TO SHINGLES MADE BY THE FOLLOWING MANUFACTURERS WHICH HAVE BEEN APPROVED FOR 110 MPH WIND RESISTANCE

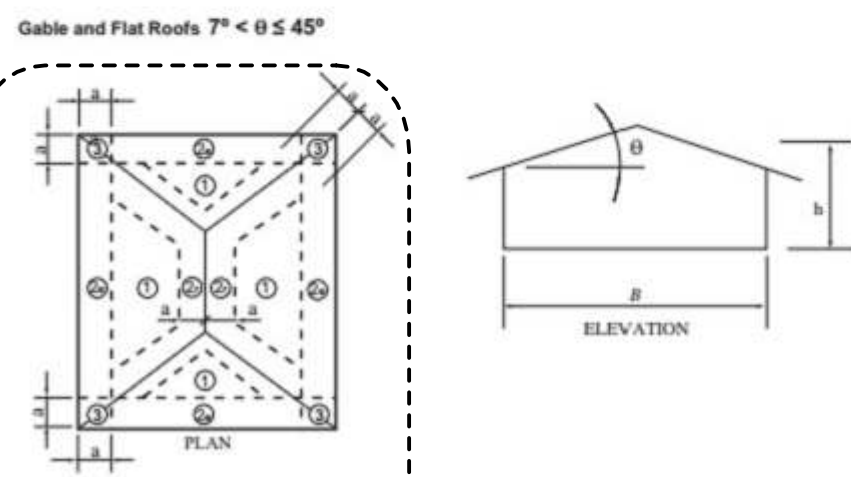
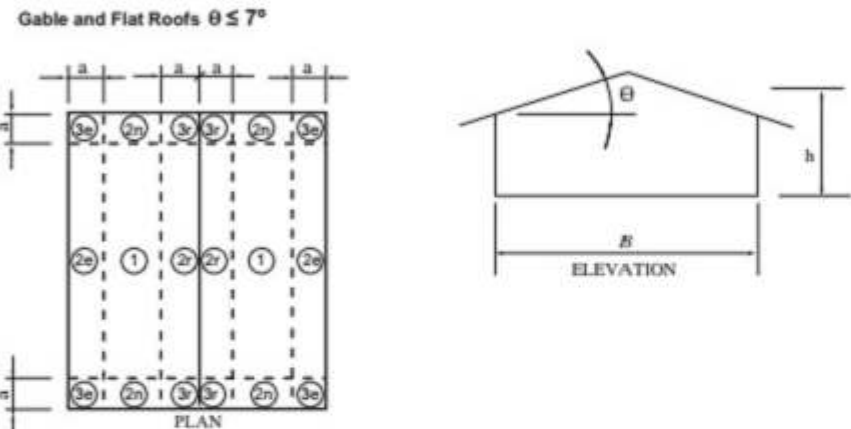
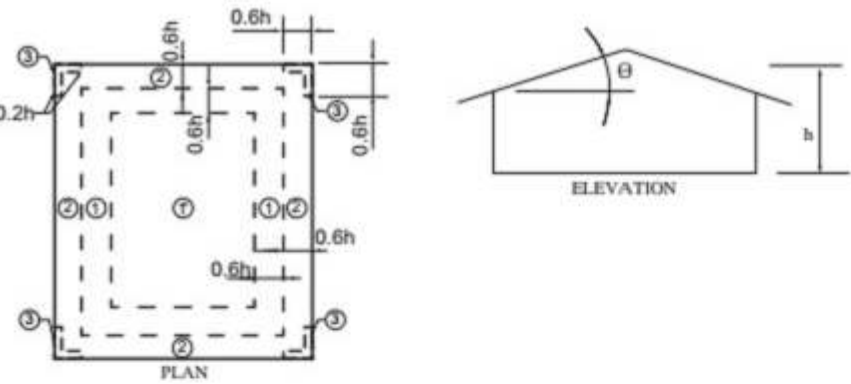
MARQUIS/MARQUIS WEATHER MAX
SLATELINE
COUNTRY MANSION
COUNTRY ESTATES
TIMBERLINE 30
TIMBERLINE SELECT
TIMBERLINE ULTRA SENTINEL
GRAND CANYON
GRAND SEQUOIA
IF CONTRACTOR USES ANOTHER BRAND, CONTRACTOR SHALL PROVIDE INSTALLATION DETAILS

WOOD FRAME CONSTRUCTION

MANUFACTURER: SIMPSON HOLD DOWN		
TRUSS/GIRDER	HOLD DOWN	NAILS
UPLIFT		
O-995	H10	8-8d
995-2200	H10 and H15	8-8d 4-10d4-10d 12-10d
2200-3965	MGT	22-10d
INTERIOR FRAME BEARING WALL UP TO 995	H10	TRUSS 8 8d TOP PLATE 8 8d

EQUAL OR SUPERIOR STRAPS MAY BE USED IN EACH CONDITION UPLIFT INDICATED IN POUNDS

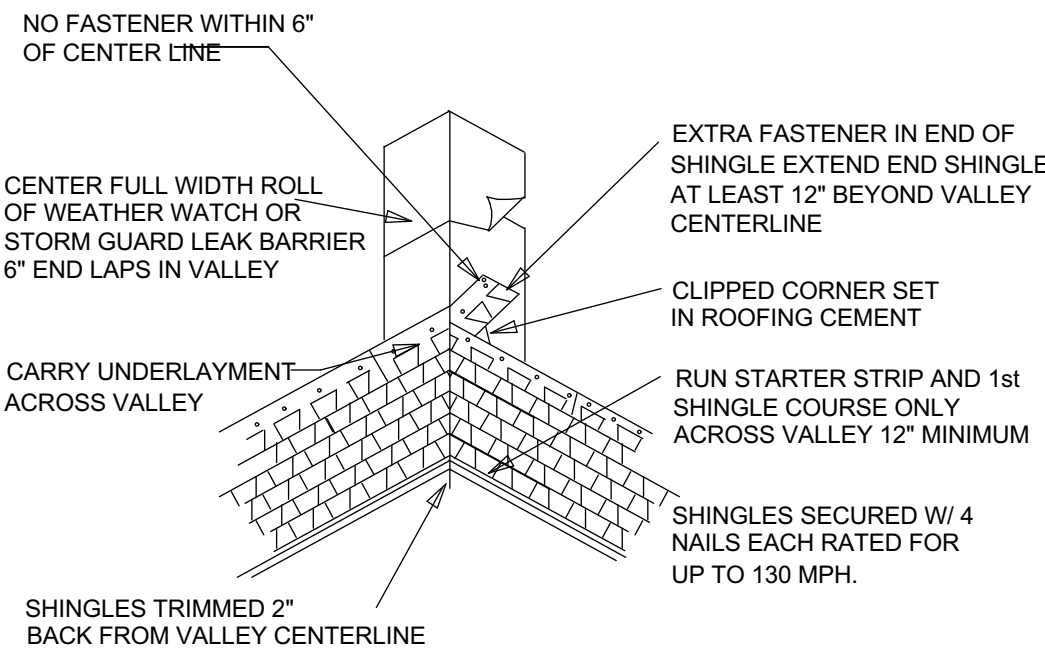
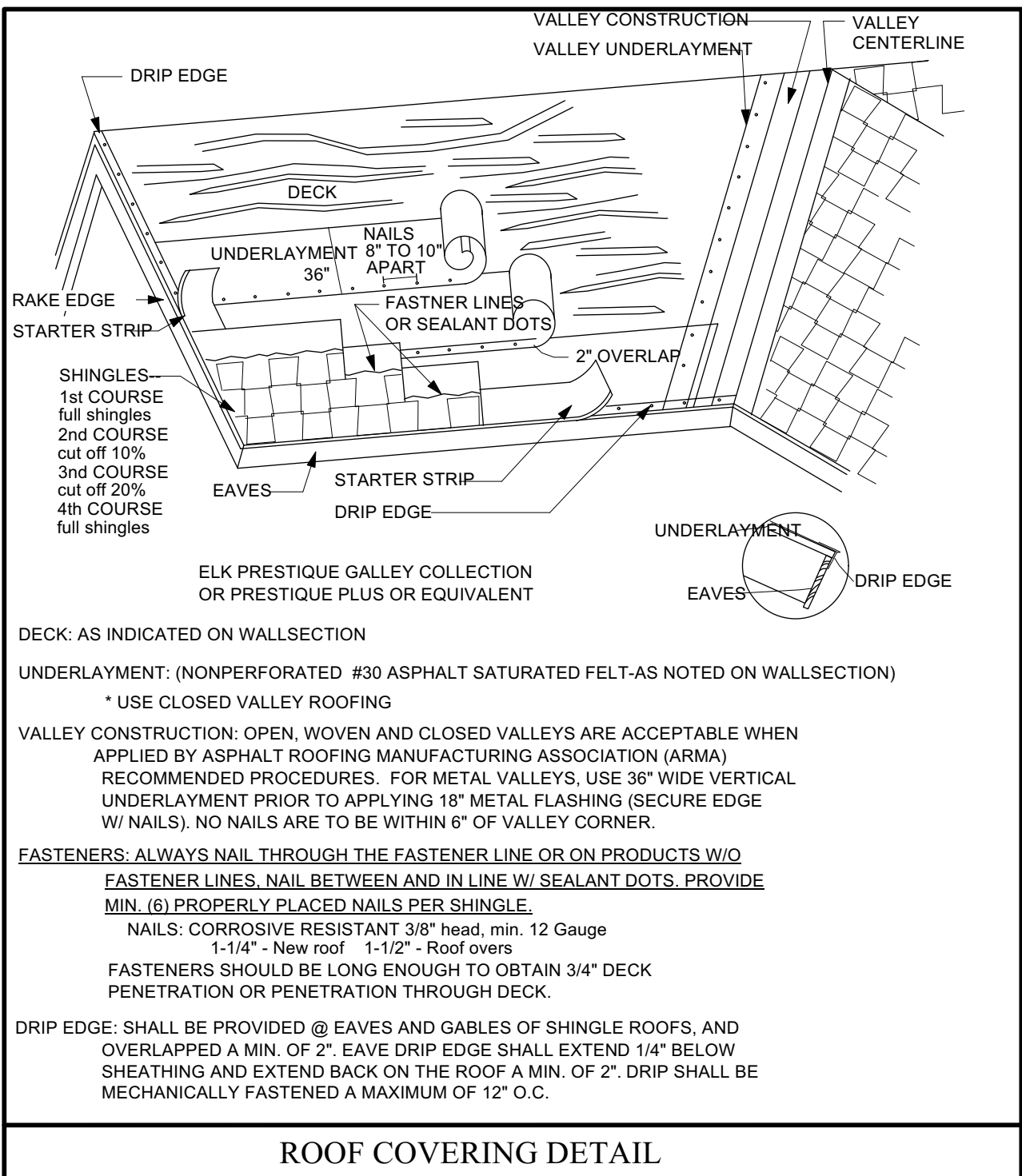
TRUSS HOLD DOWN SCHEDULE



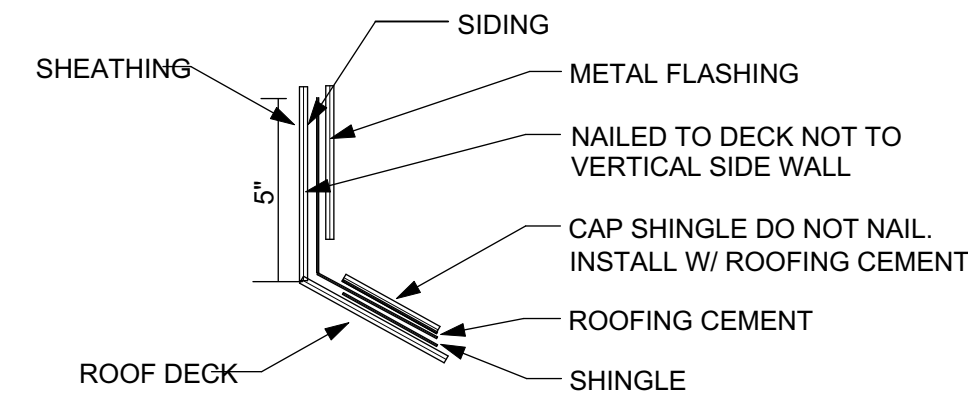
For SI: 1 foot = 304.8 mm, 1 degree = 0.0175 rad. Note: a = 4 feet in all cases.

SHEATHING SHALL BE FASTENED TO ROOF W/ 8D COMMON, 8D HOT DIPPED GALVANIZED BOX NAILS OR 10 1/4 GAGE X 2" MINIMUM LENGTH POWER NAILS @ 4" O.C. ON SHEET EDGES AND 12" O.C. IN SHEET FIELD EXCEPT AS NOTED BELOW.

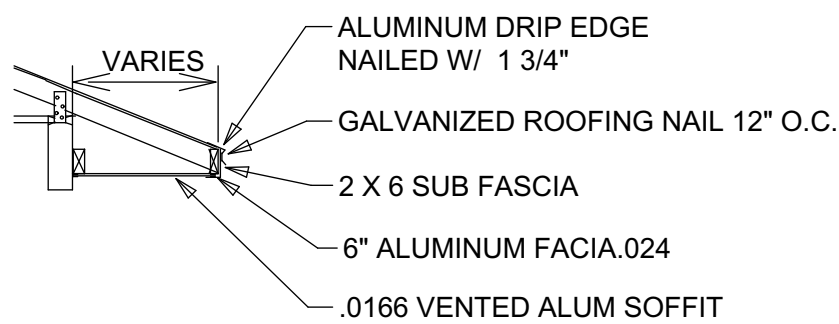
- ZONE 2e, 2r & 3 USE FASTENERS @ 4" O.C. ON SHEET EDGES AND 4" O.C. IN SHEET FIELD
- SPACE FASTENERS 4" O.C. MIN. @ GABLE ENDWALL OR GABLE TRUSS.



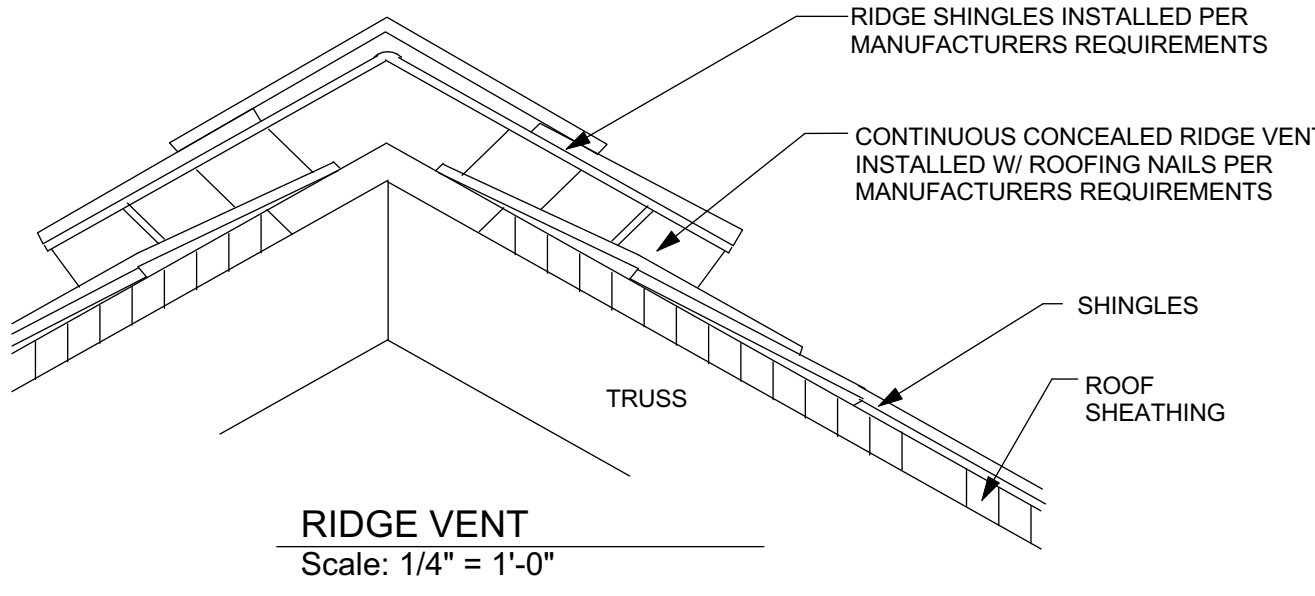
VALLEY CONSTRUCTION CLOSED CUT



WALL FLASHING (SLOPED ROOF TO VERTICAL WALL)



SOFFIT AND FACIA INSTALLATION



RIDGE VENT
Scale: 1/4" = 1'-0"

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DATE ISSUED 08-15-2022

REVISION

DRAWN BY: KERMIT

APPROVED BY: KERMIT

ARCHITECTURAL DETAILS

JBCM
IRMA MODEL

KERMIT HUGHES
ARCHITECT



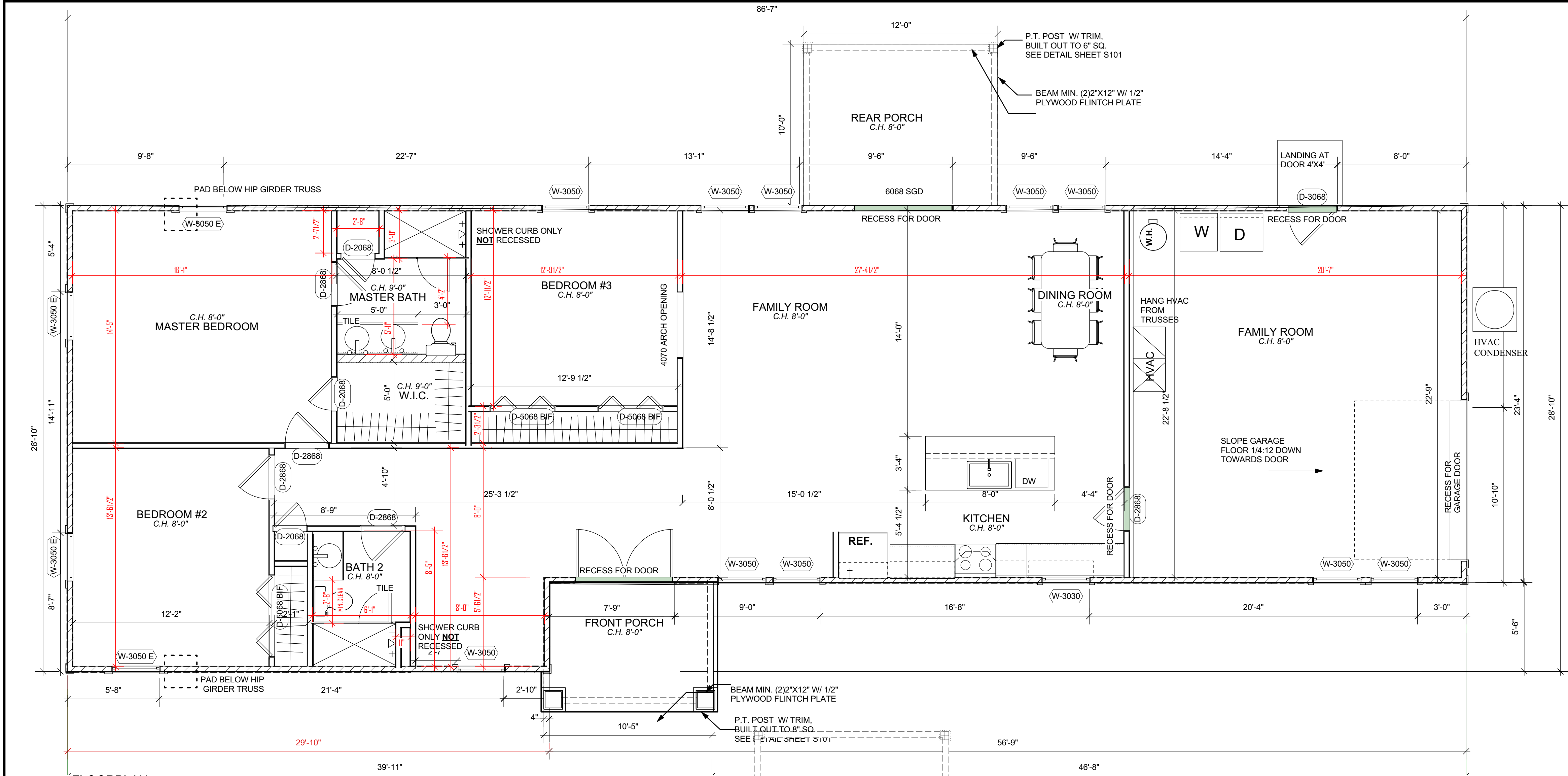
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James Hughes, cn=Kermit Hughes
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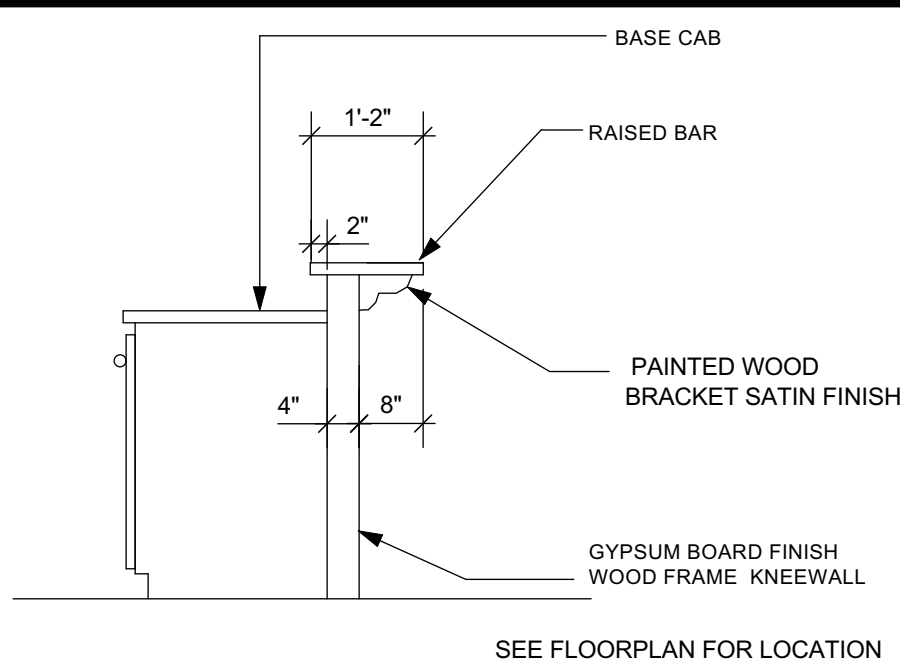
S101

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08-15-2022



1 FLOORPLAN
Scale: 1/4" = 1'-0"



4 RAISED BAR DETAIL
Scale: 1/2" = 1'-0"

GENERAL CONSTRUCTION NOTES

- A. ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS NOTED OTHERWISE.
- B. FIELD VERIFY ALL DIMENSIONS.
- C. PROVIDE 2X4 BLOCKING BEHIND ALL WALL MOUNTED CABINETS.
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BOARD, BEHIND ALL SINKS AND IN WET AREAS.
- E. COORDINATE INTERIOR FINISHES WITH OWNER
- F. ALL GROUND FLOOR PLANS SHALL BE 8' CEILING UNLESS OTHERWISE NOTED.
- G. PROVIDE R-30 (MIN.) INSULATION ABOVE CEILING, IN ATTIC. PROVIDE R-13 INSULATION @ ALL WOOD FRAME WALLS
- H. FIELD VERIFY ALL CABINETS DIMENSIONS BEFORE MANUFACTURING.

BUILDING AREA

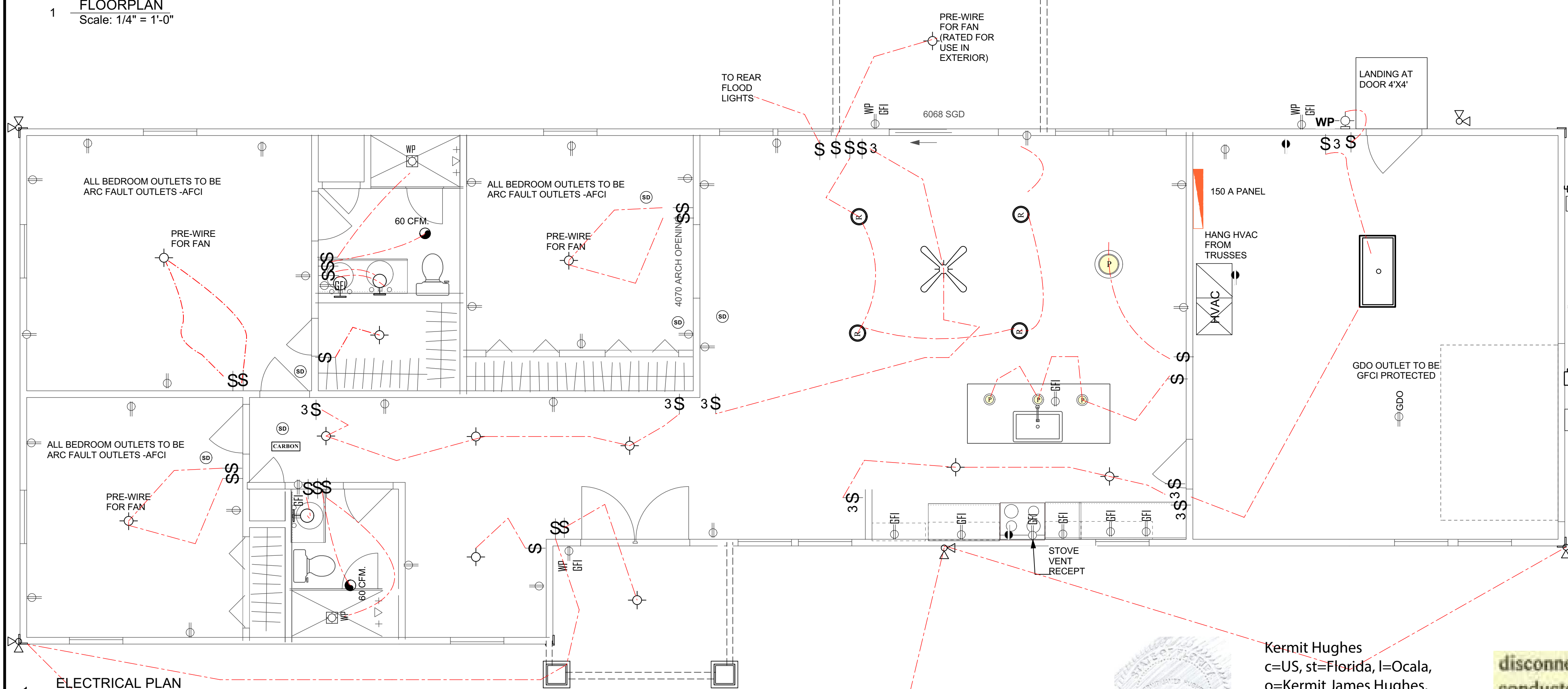
LIVING AREA	1689
GARAGE	492
FRONT PORCH	72
REAR PORCH	120
TOTAL	2373

FLORIDA RESIDENTIAL CODE 7TH EDITION 2020 EDITION WITH UPDATES.

OCCUPANCY CLASS RESIDENTIAL R3
TYPE OF CONSTRUCTION V-B
UNPROTECTED UNSPRINKLED

WALL SCHEDULE

- LOAD BEARING INTERIOR WALL
- PARTITION WALL
- 6" INTERIOR WALL
- LOAD BEARING EXTERIOR WALL



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

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
WP	WALL MOUNTED LIGHT, STYLE BY OWNER		DUPLEX FLOOR RECEPTACLE COORDINATE LOCATION IN FIELD
	MOISTURE RESISTANT EXTERIOR GRADE WALL MOUNTED LIGHT, STYLE BY OWNER		110 DUPLEX RECEPTACLE MOUNTED 18" A.F.F.
	DECORATIVE WALL SCONCE, STYLE BY OWNER		220 DUPLEX RECEPTACLE
	WALL MOUNTED LIGHT		110 RECEPTACLE GROUND FAULT
	EXTERIOR FLOOD LIGHT		110 RECEPTACLE GROUND FAULT AND WATER PROOF.
	DIRECTIONAL RECESSED CAN LIGHT		110 RECEPTACLE W/GROUND FAULT MOUNTED 48" AFF
	RECESSED CAN		110 RECEPTACLE CEILING MOUNTED FOR GARAGE DOOR OPENER
	SMALL PENDANT LIGHT		SWITCHED RECEPT MOUNTED IN EXTERIOR SOFFIT
	CHANDELIER /PENDANT LIGHT		TELEPHONE/DATA OUTLET
	WATER PROOF CAN LIGHT		SWITCH
	CEILING FAN WITH LIGHT KIT, STYLE BY OWNER		3 WAY SWITCH
	12"x48" FLUORESCENT LIGHT		EXHAUST FAN 50 CFM UNLESS NOTED OTHERWISE
	24"x48" FLUORESCENT LIGHT		CABLE OUTLET, COORDINATE LOCATION AND AMOUNT W/ OWNER.
	12"x24" FLUORESCENT LIGHT		SMOKE DETECTOR
	SMALL FLUORESCENT UNDER CABINET LIGHT		A/C DISCONNECT
	CARBON MONOXIDE DETECTOR		MAIN DISCONNECT
			JUNCTION BOX
			METER
			PANEL BOX

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o=Kermit James Hughes,
cn=Kermit Hughes
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conductors used from the exterior
disconnecting means to a panel or sub panel shall have four-wire conductors, of which one
conductor shall be used as an equipment ground. Indicate if the utility company service entrance
cable will be of the overhead or underground type.

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DATE ISSUED 08-15-2022

REVISED

DRAWN BY: KERMIT

APPROVED BY: KERMIT

FLOOR PLAN/ ELECTRICAL

FLOOR PLAN /NOTES/ELECTRICAL PLAN

JBCM

IRMA MODEL

LAKE CITY FLORIDA

KERMIT HUGHES ARCHITECT

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1 OF 4