KERMIT HUGHES, ARCHITECT

AR92098

ARCHITECTURE, DESIGN
& OTHER SERVICES
COMMERCIAL & RESIDENTIAL

kermitarchitect@gmail.com

971 NE 71 LANE
OCALA, FL 34479
(352) 875-3461

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 08:36:06 -04'00'

# IRMA MODEL

# JBSCM

## LAKE CITY

Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida


KERMIT HUGHES
ARCHITECT

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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.

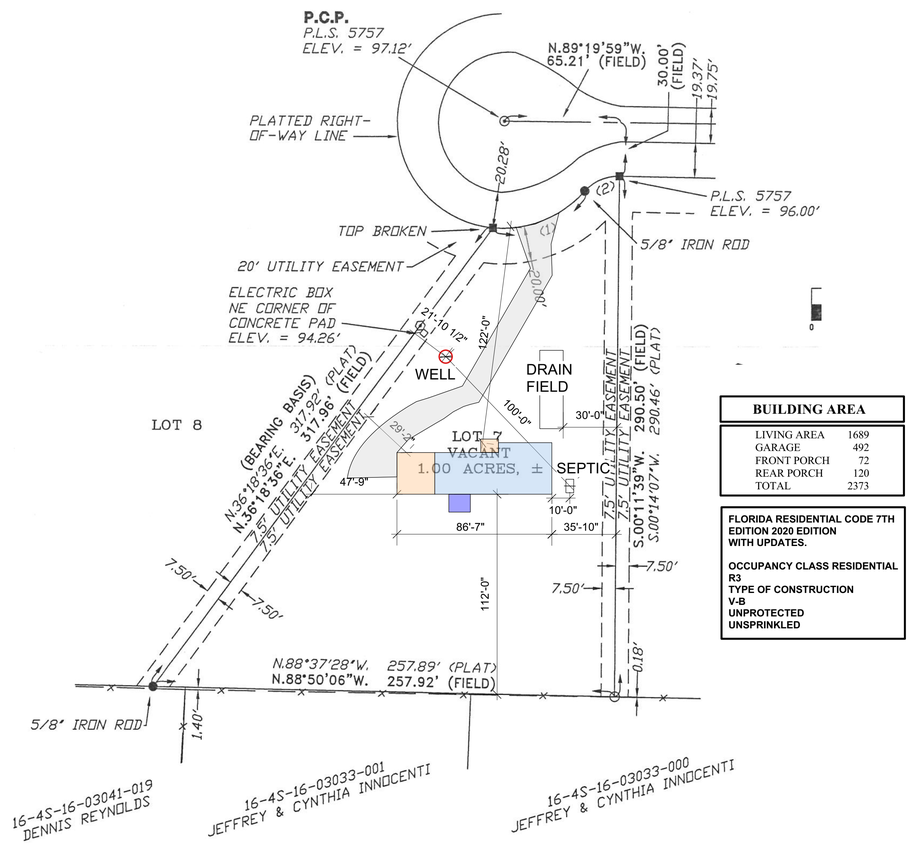

CONTRACTOR / OWNER SHALL INSPECT AND VERIFY THE SCOPE OF WORK AND CHECK ALL DIMENSIONS PRIOR TO CONSTRUCTION. ANY ADDITIONAL WORK APPARENT DURING FIELD INSPECTION BUT NOT SPECIFICALLY NOTED ON THE DRAWINGS SHALL BE CONSIDERED AS PART OF THE SCOPE OF WORK.

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"

### 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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04-21-2022

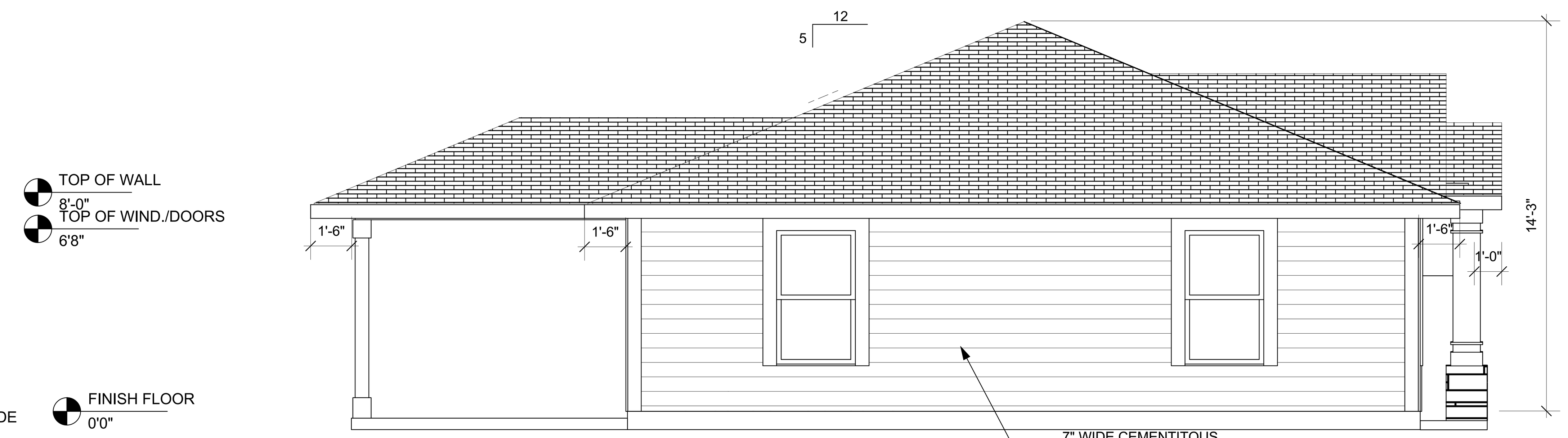
Kermit Hughes
c=US, st=Florida, l=Ocala, o=Kermit James Hughes, cn=Kermit Hughes
2022.08.15 08:13:50 -04'00'

JBSCM

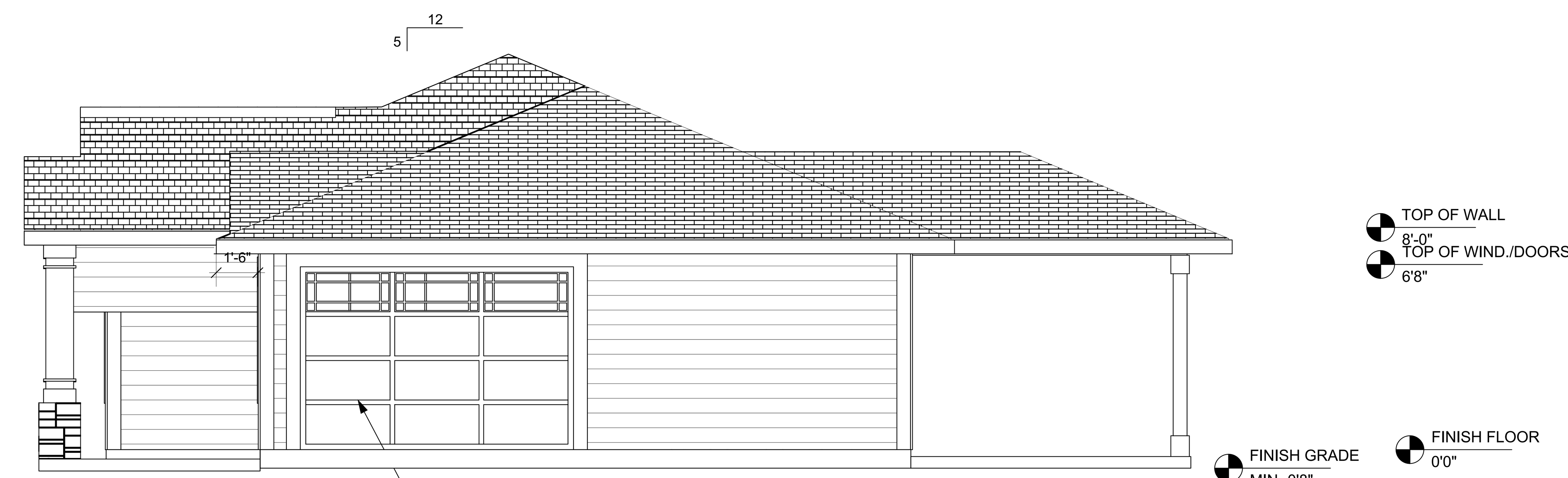
CONTRACTOR SHALL PROVIDE UPLIFT AND LAYOUT ENGINEERING FROM TRUSS SUPPLIER TO ARCHITECT BEFORE TRUSSES ARE CONSTRUCTED

TRIM @ ALL EDGES AND OPENINGS

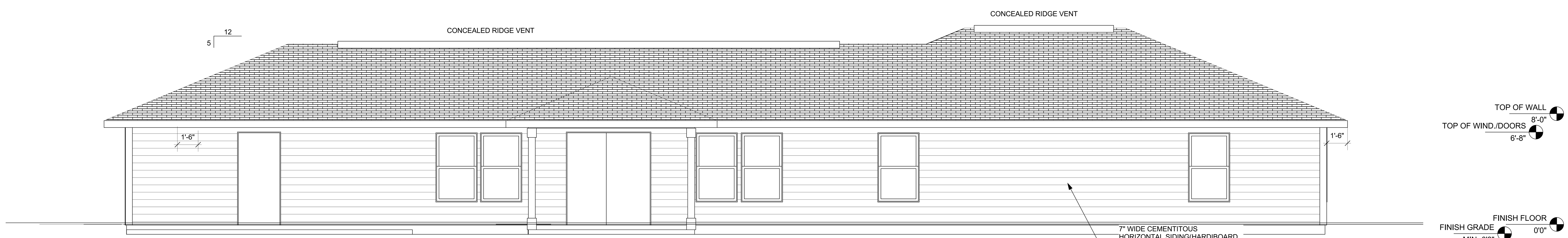
1 FRONT
Scale: 1/4" = 1'-0"




3 LEFT ELEVATION
Scale: 1/4" = 1'-0"




4 RIGHT ELEVATION
Scale: 1/4" = 1'-0"




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

TRIM @ ALL EDGES AND OPENINGS

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| | |
|---|---|
| DATE ISSUED | 08-15-2022 |
| REVISED | |
| DRAWN BY : | KERMIT |
| APPROVED BY : | KERMIT |

ELEVATIONS

FRONT, RIGHT, LEFT AND REAR ELEVATIONS

**JBCM IRMA MODEL**

**LAKE CITY FLORIDA**

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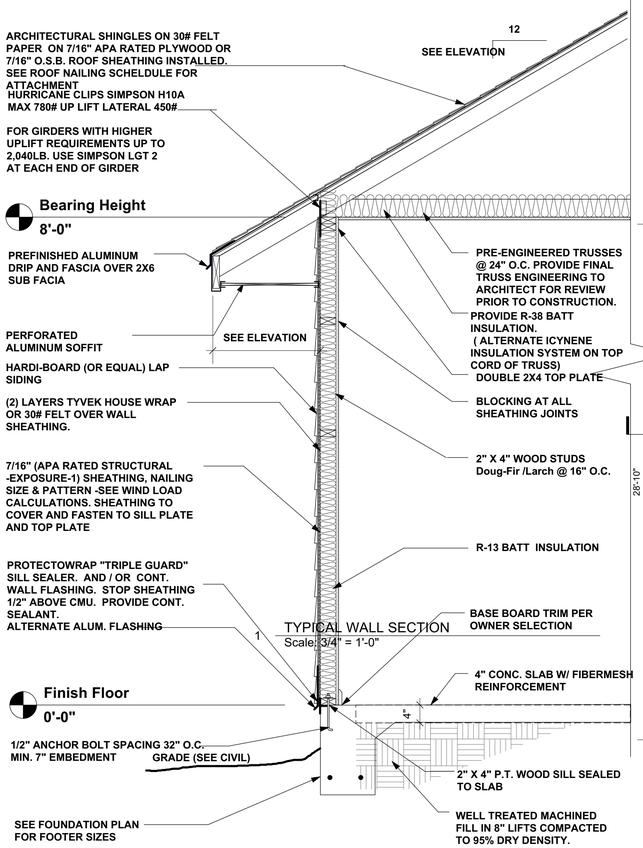
2022.08.15 08:16:50 -04'00'

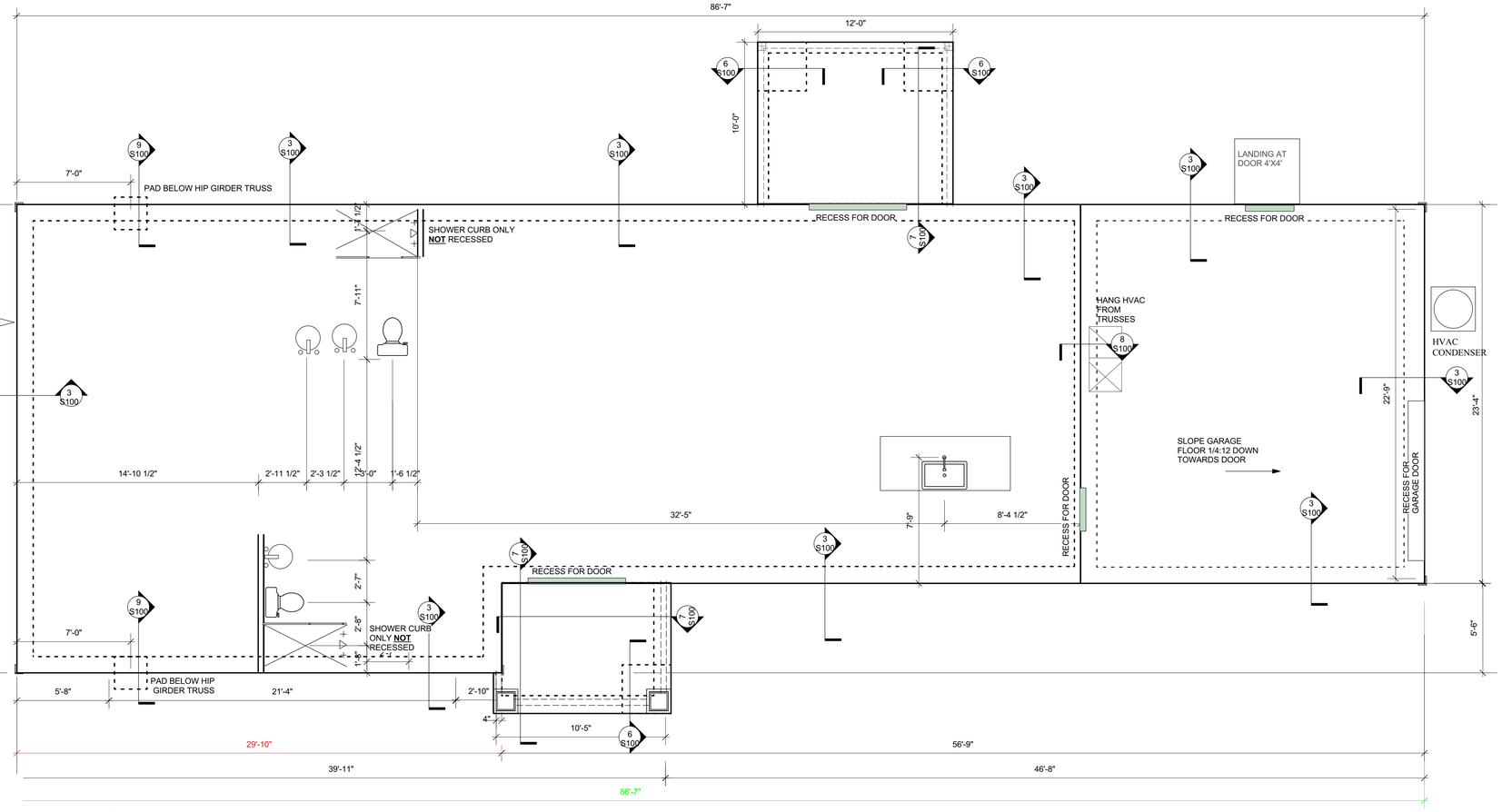
SHEET NO.
A200



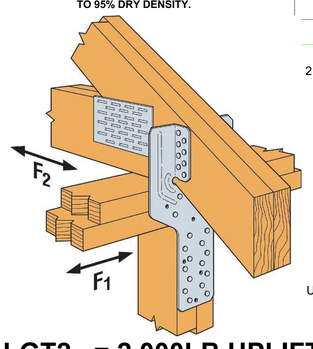
08-15-2022




1 TYPICAL WALL SECTION
Scale: 3/4" = 1'-0"



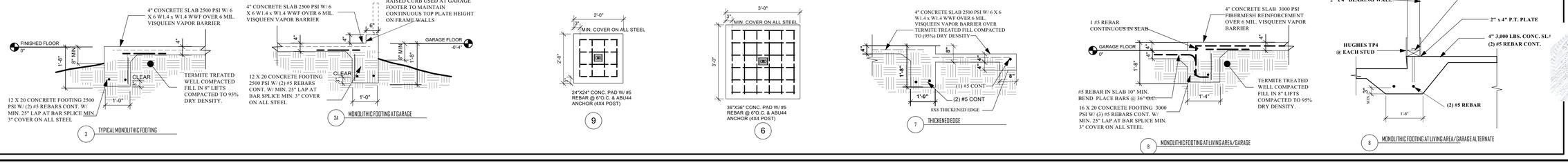

2 FOUNDATION PLAN
Scale: 1/4" = 1'-0"




USE SIMPSON LGT2 @ GIRDER TO1

**LGT2 = 2,000LB UPLIFT RESISTANCE**

# FOOTER DETAILS

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| | |
|---|---|
| DATE ISSUED | 08-15-2022 |
| REVISED | |
| DRAWN BY : | KERMIT |
| APPROVED BY : | KERMIT |

FOUNDATION PLAN

FOUNDATION PLAN, FOOTING DETAILS, TYPICAL WALL SECTION

**JBCM**
**IRMA MODEL**

**LAKE CITY FLORIDA**

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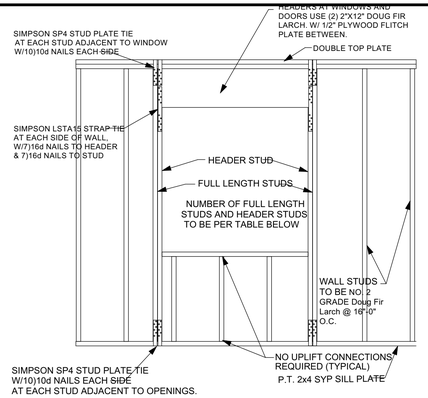
2022.08.15 08:16:00 -04'00'

SHEET NO.
S100
3 OF 4

08-15-2022




| | | 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 |
| UNSUPPORTED WALL HEIGHT | STUD SPACING | NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER | | | | | |
| 10 FT. OR LESS | 16 IN. | 1 | 2 | 2 | 2 | 2 | 2 |
| GREATER THAN 10 FT. | 16 IN. | 1 | 2 | 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, AWNINGS, 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 SUPPLIMENTS**

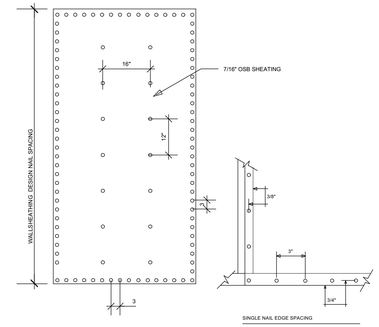
**BASIC WIND SPEED 140 MPH ROOF SLOPE 20°-27° INTERNAL PRESSURE COEFFICIANT .18**

**'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 |
| | ZONE | EFFECTIVE WIND AREA | POS | NEG |
| WALLS | 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 |



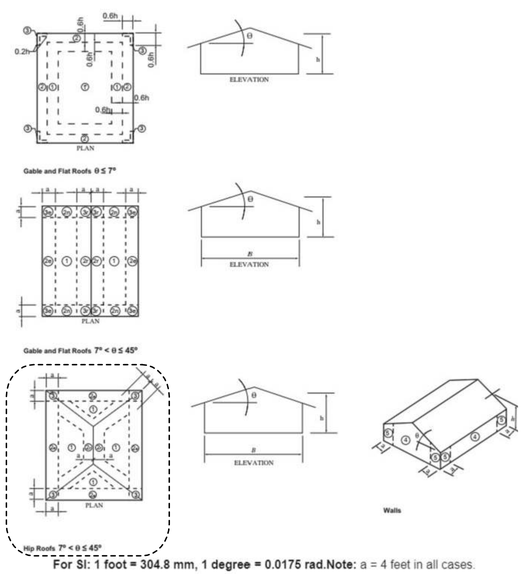

SHEATING NAILING PATTERN

## SHINGLE INSTALLATION DETAILS

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

ROYAL SOVEREIGN
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




**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.**

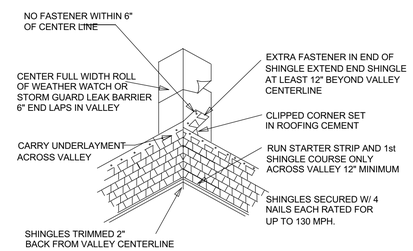
- **ZONE 2e, 2r & 3 USE FASTENERS @ 4" O.C. ON SHEET EDGES AND 4" O.C. IN SHEET FIELD**
- **SPACE FASTENERS 4" O.C. MIN. @ GABLE ENDWALL OR GABLE TRUSS.**

WOOD FRAME CONSTRUCTION

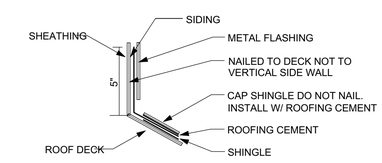
| MANUFACTURER: SIMPSON | HOLD DOWN | NAILS |
|---|---|---|
| TRUSS/GIRDER | HOLD DOWN | NAILS |
| UPLIFT | | |
| O-995 | H10 | 8-8d |
| 995-2200 | H10 and H15 | 8-8d 4-10d4-10d 12-10d |
| 2200-3965 | MGT | 22-10d |
| | | |
| INTERIOR FRAME BEARING WALL UP TO 995 | H10 | TRUSS 8 8d TOP PLATE 8 8d |

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

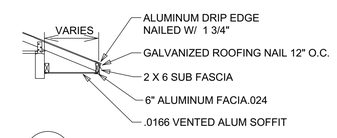
TRUSS HOLD DOWN SCHEDULE



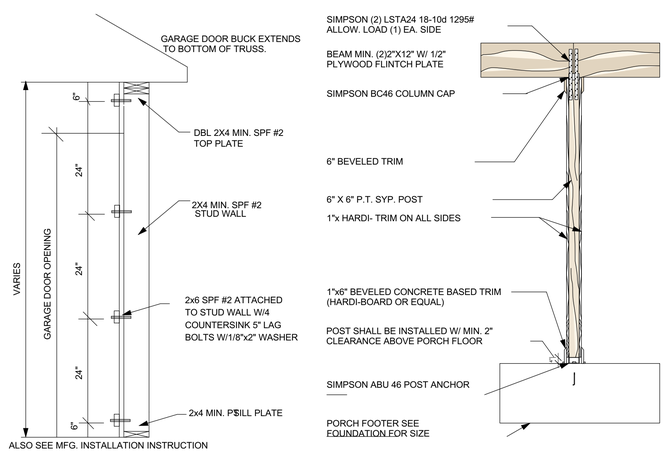

VALLEY CONSTRUCTION CLOSED CUT




WALL FLASHING
(SLOPED ROOF TO VERTICAL WALL)



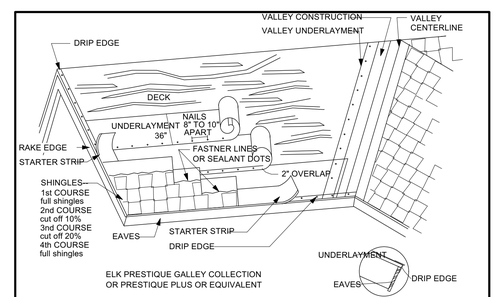

SOFFIT AND FACIA INSTALLATION




ALSO SEE MFG. INSTALLATION INSTRUCTION

GARAGE DOOR BUCK
Scale: 1/4" = 1'-0"

POST DETAIL
Scale: 1/4" = 1'-0"




DECK: AS INDICATED ON WALLSECTION

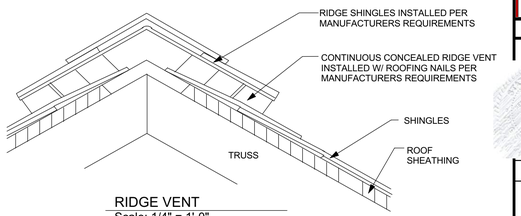
UNDERLAYMENT: (NONPERFORATED #30 ASPHALT SATURATED FELT-AS NOTED ON WALLSECTION)
* USE CLOSED VALLEY ROOFING

VALLEY CONSTRUCTION: OPEN, WOVEN AND CLOSED VALLEYS ARE ACCEPTABLE WHEN APPLIED BY ASPHALT ROOFING MANUFACTURING ASSOCIATION (ARMA) RECOMMENDED PROCEDURES. FOR METAL VALLEYS, USE 36" WIDE VERTICAL UNDERLAYMENT PRIOR TO APPLYING 18" METAL FLASHING (SECURE EDGE W/ NAILS). NO NAILS ARE TO BE WITHIN 6" OF VALLEY CORNER.

FASTENERS: ALWAYS NAIL THROUGH THE FASTENER LINE OR ON PRODUCTS W/O FASTENER LINES. NAIL BETWEEN AND IN LINE W/ SEALANT DOTS. PROVIDE MIN. (6) PROPERLY PLACED NAILS PER SHINGLE.
NAILS: CORROSIVE RESISTANT 3/8" head, min. 12 Gauge 1-1/4" - New roof 1-1/2" - Roof covers
FASTENERS SHOULD BE LONG ENOUGH TO OBTAIN 3/4" DECK PENETRATION OR PENETRATION THROUGH DECK.

DRIP EDGE: SHALL BE PROVIDED @ EAVES AND GABLES OF SHINGLE ROOFS, AND OVERLAPPED A MIN. OF 2". EAVE DRIP EDGE SHALL EXTEND 1/4" BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MIN. OF 2". DRIP SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12" O.C.

ROOF COVERING DETAIL




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

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| | |
|---|---|
| DATE ISSUED | 08-15-2022 |
| REVISED | |
| DRAWN BY : | KERMIT |
| APPROVED BY : | KERMIT |

ARCHITECTURAL DETAILS

ROOFING DETAILS, GARAGE DOOR BUCK

**JBCM**
**IRMA MODEL**

**LAKE CITY FLORIDA**

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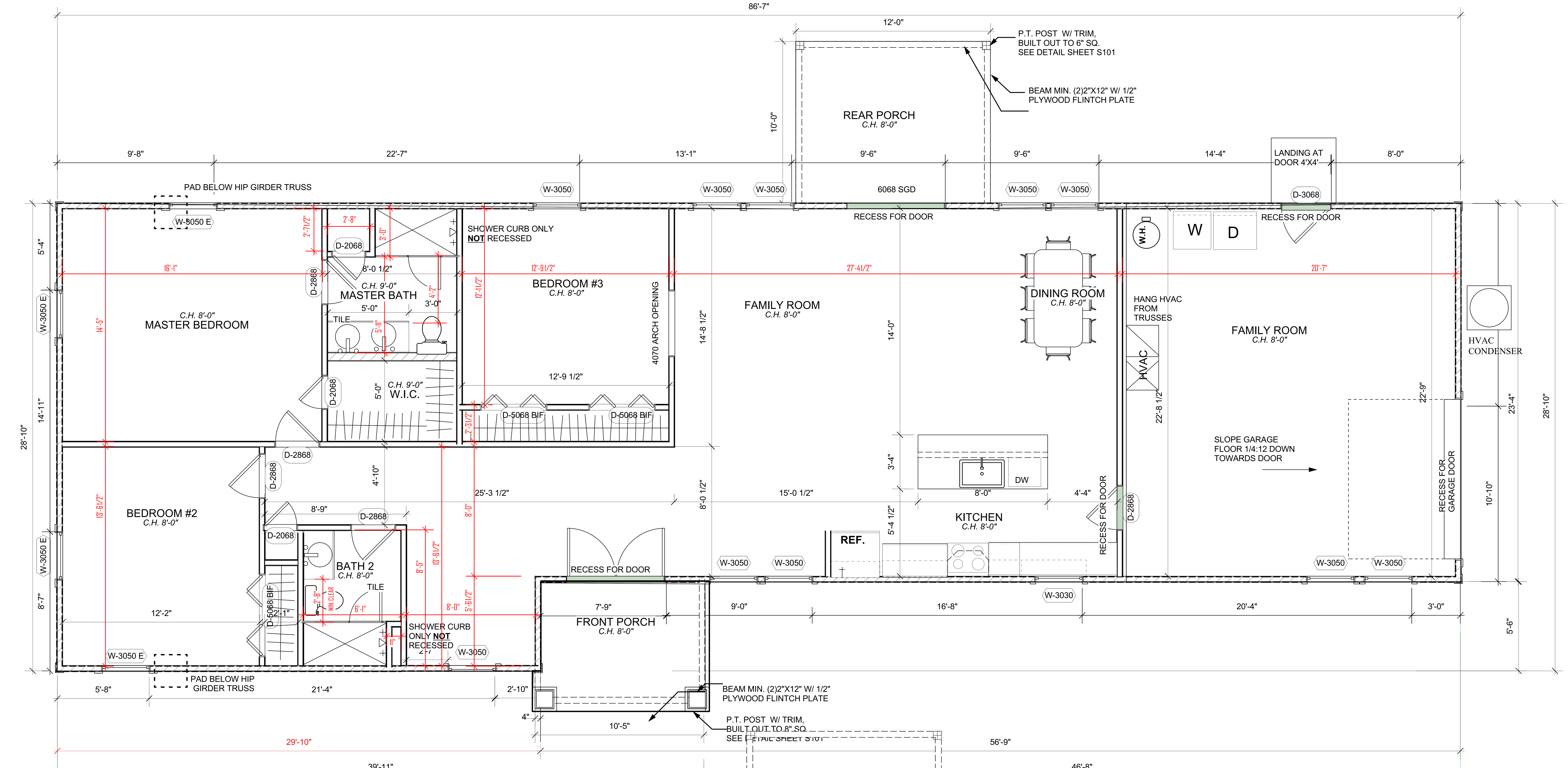
SHEET NO.

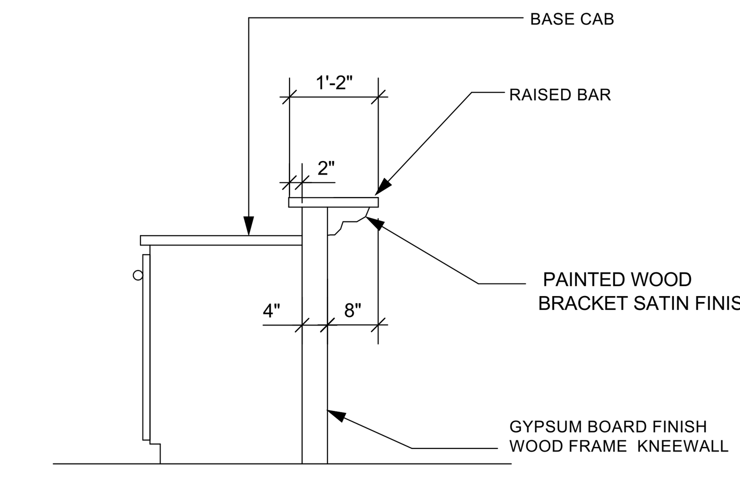
S101

4 OF 4

08-15-2022




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




SEE FLOORPLAN FOR LOCATION

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 DIMENISIONS BEFORE MANUFACTURING.

## BUILDING AREA

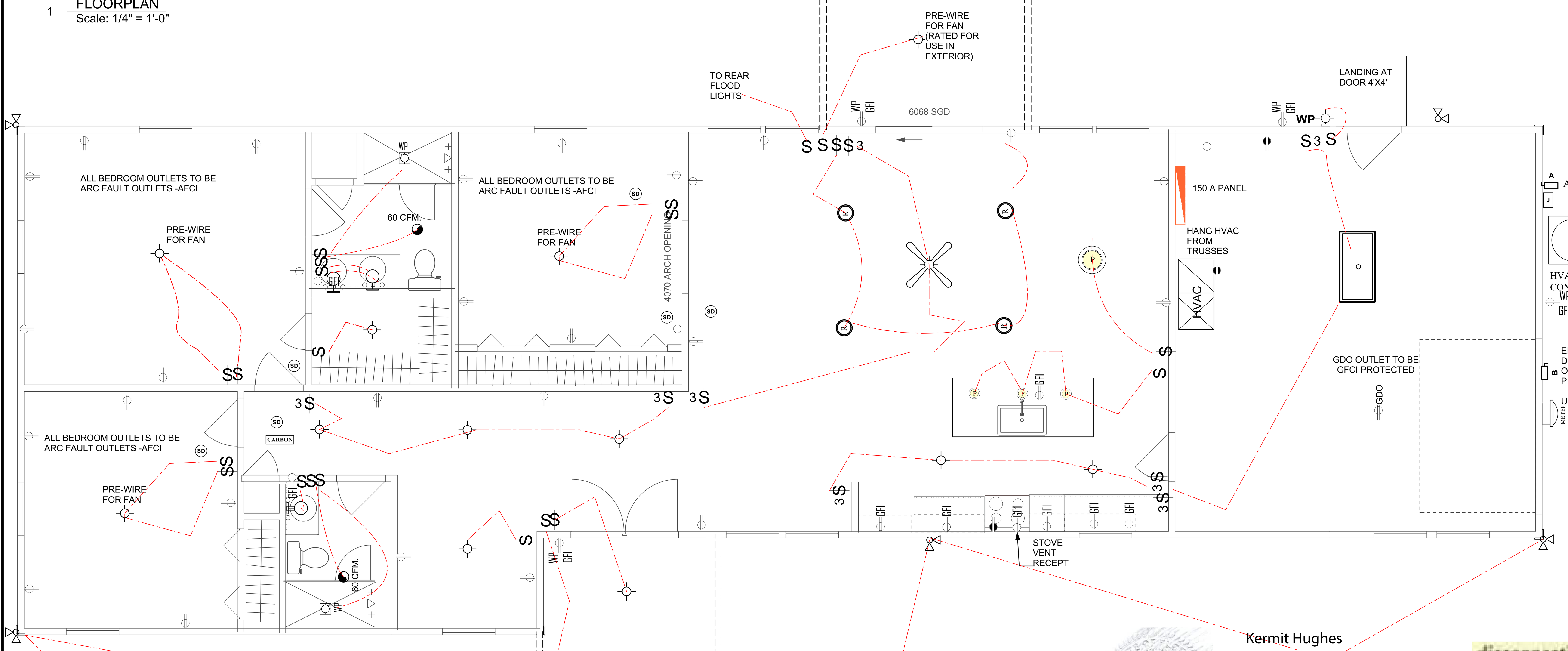
| | |
|---|---|
| LIVING AREA | 1689 |
| GARAGE | 492 |
| FRONT PORCH | 72 |
| REAR PORCH | 120 |
| TOTAL | 2373 |

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 |
|---|---|---|---|
| | WALL MOUNTED LIGHT, STYLE BY OWNER | | DUPLEX FLOOR RECEPTACLE COORDINATE LOCATION IN FIELD |
| WP | MOISTURE RESISTANT EXTERIOR GRADE WALL MOUNTED LIGHT, STYLE BY OWNER | | 110 DUPLEX RECEPTACLE MOUNTED 18" A.F.F. |
| | DECORTIVE WALL SCONCE, STYLE BY OWNER | | 220 DUPLEX RECEPTACLE |
| | WALL MOUNTED LIGHT | GFI | 110 RECEPTACLE GROUND FAULT |
| | EXTERIOR FLOOD LIGHT | GFI WP | 110 RECEPTACLE GROUND FAULT AND WATER PROOF. |
| R | DIRCETIONAL RECESSED CAN LIGHT | GFI 48" AFF | 110 RECEPTACLE W/GROUND FAULT MOUNTED 48" AFF |
| R | RECESSED CAN | GDO | 110 RECEPTACLE CEILING MOUNTED FOR GARAGE DOOR OPENER |
| P | SMALL PENDANT LIGHT | RECEPT IN SOFFIT | SWITCHED RECEPT MOUNTED IN EXTERIOR SOFFIT |
| P | CHANDELIER /PENDANT LIGHT | | TELEPHONE/DATA OUTLET |
| WP | WATER PROOF CAN LIGHT | S | SWITCH |
| | CEILING FAN WITH LIGHT KIT. STYLE BY OWNER | S3 | 3 WAY SWITCH |
| | 12"x48" FLUORESCENT LIGHT | | EXHAUST FAN 50 CFM UNLESS NOTED OTHERWISE |
| | 24"x48" FLUORESCENT LIGHT | TV | CABLE OUTLET. COORDINATE LOCATION AND AMOUNT W/ OWNER. |
| | 12"x24" FLUORESCENT LIGHT | SD | SMOKE DETECTOR |
| | SMALL FLUORESCENT UNDER CABINET LIGHT | A | A/C DISCONNECT |
| CARBON | CARBON MONOXIDE DETECTOR | B | MAIN DISCONNECT |
| | | J | JUNCTION BOX |
| | | METER | METER |
| | | | PANEL BOX |

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.

Kermit Hughes
c=US, st=Florida, l=Ocala,
o=Kermit James Hughes,
cn=Kermit Hughes
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DRAWN BY : KERMIT
APPROVED BY : KERMIT

FLOOR PLAN/ ELECTRICAL

FLOOR PLAN /NOTES/ELECTRICAL PLAN

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