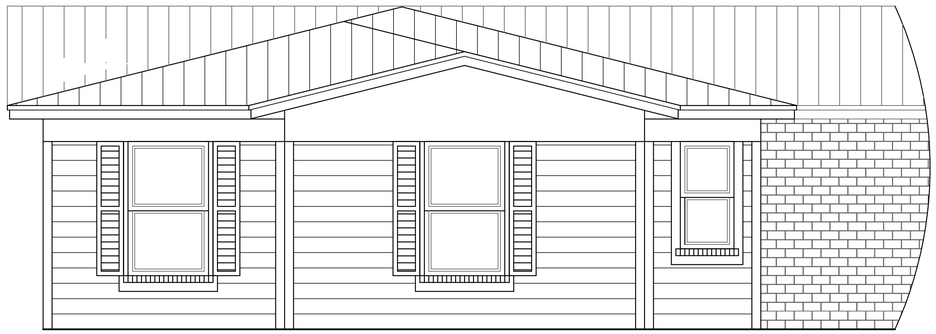


Jenkins Residence

HAVANNA WAY LAKE CITY, FL 32024
Columbia County
Parcel I.D. # 34-3S-16-02474-005

SCOPE OF WORK

THIS CONSTRUCTION PROJECT CONSISTS 2 BEDROOM ADDITION ON THE FRONT OF EXISTING HOME. ALL WORK SHALL CONFORM TO 2023 FLORIDA BUILD CODE

CLASSIFICATIONS OF WORK

THIS PROJECT SHALL BE CLASSIFIED AS AN ADDITION AS DEFINED IN CHAPTER 2 OF THE EIGHTH EDITION OF THE FBC EXISTING. ADDITIONS TO EXISTING BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 11.

METHODS OF COMPLIANCE

THIS PROJECT SHALL COMPLY WITH THE PRESCRIPTIVE COMPLIANCE METHOD DETAILED IN FBC EXISTING EIGHTH EDITION CHAPTER 3 SECTION 301.3.1 AND WITH THE PROVISIONS OF CHAPTER 5 AND THE FLORIDA FIRE PREVENTION CODE.

DRAWING INDEX

BUILDING AREA SUMMARY

PROP. ADDITION 393 SQ. FT.

-OFFICIAL USE-

FLOOD HAZARD DETERMINATION

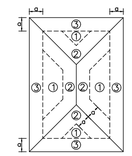
NFHL FIRM NUMBER: 12023C0290D
FLOOD ZONE DESIGNATION: ZONE X
EFFECTIVE DATE: 11/02/2018

COMPONENT AND CLADDING WIND PRESSURES

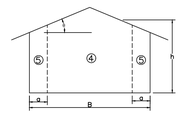
ASCE/SEI 7-22 FIGURE 30.3-1 & FIGURE 30.3-2E

RISK CATEGORY II, EXPOSURE B
HIP ROOF ANGLE > 10° TO 20° (2:12 to 4.5:12)
MEAN ROOF HEIGHT = 0 - 15 FT

a = 10% of least horizontal dimension or 0.4h, whichever is smaller, but not less than either 4% of least horizontal dimension or 3 ft (0.9 m).



HIP ROOFS



ELEVATION VIEW

STRUCTURE

V_{ULT} = 130 MPH*
V_{ASD} = 101 MPH*

ZONE	EFFECTIVE AREA (SF)	WINDWARD PRESSURES	LEEWARD PRESSURES
1	10	18.4	-41.5
1	20	16.0	-36.7
1	50	16.0	-30.2
1	100	16.0	-25.4
2	10	18.4	-54.1
2	20	16.0	-48.7
2	50	16.0	-41.7
2	100	16.0	-36.4
3	10	18.4	-58.3
3	20	16.0	-52.5
3	50	16.0	-44.8
3	100	16.0	-38.9
4	10	24.7	-26.8
4	20	23.6	-25.7
4	50	22.1	-24.2
4	100	21.0	-23.1
5	10	24.7	-33.1
5	20	23.6	-30.9
5	50	22.1	-27.9
5	100	21.0	-25.7

OVERHANG

V_{ULT} = 130 MPH*
V_{ASD} = 101 MPH*

ZONE	EFFECTIVE AREA (SF)	LEEWARD PRESSURES
3	10	-87.6
3	20	-79.6
3	50	-68.9
3	100	-60.9

h = Mean Roof Height in Ft. Except that eave height shall be used for roof angles <10°.
B = horizontal dimension of building measured normal to wind direction.

* THIS DESIGN WIND SPEED TERM IS DEFINED BY 2023 FLORIDA BUILDING CODE 8TH EDITION SECTION 1609.3 AND 1609.3.1. THE DESIGN PRESSURES HEREIN ARE DERIVED FROM THE ASCE/SEI 7-22 DEFINED BASIC WIND SPEED, V AND WIND SPEED MAPS FIGURE 26.5-1B FOR RISK CATEGORY II AND CHAPTER 30 PART 1 FOR COMPONENT AND CLADDING DESIGN PRESSURE VALUES. FOR ASD PRESSURES, MULTIPLY TABLE VALUES BY 0.6.

CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO THE FBC 8TH EDITION 2023 RESIDENTIAL, ENGINEER NOTES, ANY APPLICABLE CODES AND LOCAL ORDINANCES.
2. DIGGING OR GRADING: CONTRACTOR SHALL VERIFY LOCATION OF THE EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES PRIOR TO COMMENCEMENT.
3. PROJECT MANAGER SHALL VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO CONSTRUCTION. SHOULD A DISCREPANCY BE ENCOUNTERED, ENGINEER SHALL BE NOTIFIED IMMEDIATELY BEFORE COMMENCING WITH ANY FURTHER WORK.
4. ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318-19.
5. FOOTING DESIGN IS BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 PSF.
6. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36, FABRICATED AND ERECTED PER LATEST AISC SPECIFICATIONS.
7. DETAILING, PLACEMENT, AND FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 315-18 GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS.
8. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
9. REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS, MINIMUM OF 25 INCHES AND HOOKS SHALL MEET ACI STANDARDS.
10. PROVIDE (1) #5 ROUND 90 DEGREE BENT BAR AT CORNERS INTERSECTING OF BOND BEAMS AND FOOTINGS. PROVIDE (1) #5 ROUND 90 DEGREE BENT BAR REINFORCING BETWEEN VERTICAL GROUT CELLS, FOOTINGS AND BOND BEAMS.
11. CONCRETE TRADE CONTRACTOR WILL INSTALL (1) #5 BAR, TIED TO FOOTING REINFORCEMENT AND EXTENDED UP AND BEYOND FOOTING FOR ELECTRICAL GROUNDING ROD.
12. CONTRACTOR TO VERIFY ALL BLOCK AND FRAME WALL BEARING HEIGHTS WITH TRUSS COMPANY BEFORE CONSTRUCTION.
13. PRE-ENGINEERED WOOD ROOF TRUSSES AND/OR FLOOR TRUSSES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED AND LICENSED IN THE STATE OF FLORIDA. SIGNED AND SEALED SHOP DRAWINGS SHALL BE SUPPLIED TO THE CONTRACTOR FOR REVIEW PRIOR TO COMMENCEMENT OF WORK.
14. ALL STRUCTURAL LUMBER SHALL BE SOUTHERN PINE #2 OR BETTER UNLESS OTHERWISE NOTED.
15. UNLESS OTHERWISE NOTED ALL ANGLED WALLS ARE TO BE PLACED AT A 45 DEGREE ANGLE.
16. ALL INTERIOR DIMENSIONS ARE TO THE BLOCK WALL AND NOT THE FURRING STRIP.
17. PROVIDE A MINIMUM OF 1/2" ROUND SLEEVE ANCHORS WITH OR 1/2" TITEN H.D. WITH WASHERS TO ATTACH PRESSURE TREATED WOOD BLOCKING TO THE MASONRY WORK AT 24 INCHES ON CENTER, UNLESS OTHERWISE NOTED.
18. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
19. INTERIOR PARTITION WALLS: PROVIDE 1/2" INCH GYPSUM BOARD, TAPED, FLOATED, SANDED, WITH TWO COATS OF PAINT OVER 2 X 4 WOOD STUDS AT 16" INCHES ON CENTER UNLESS NOTED OTHERWISE.
20. HVAC TRADE CONTRACTOR SHALL VERIFY ALL DUCT & VENT LOCATIONS WITH ON-SITE SUPERVISOR, AS WELL AS TO ENSURE PROPER POWER REQUIREMENTS WITH ELECTRICAL TRADE.
21. PLUMBING TRADE CONTRACTOR MUST INSTALL BACK-FLOW PREEMPTERS ON ALL HOSE BIBS, AND IRRIGATION SYSTEMS.
22. GLAZING IN HAZARDOUS LOCATIONS SHALL BE SAFETY GLAZED PER FBC 8TH EDITION RESIDENTIAL R308 REFER TO WINDOW MANUFACTURER FOR ATTACHMENT REQUIREMENTS.
23. ALL BEDROOMS WILL HAVE APPROVED EMERGENCY EGRESS OPENINGS.
24. ELECTRICAL TRADE CONTRACTOR WILL COORDINATE WITH CONTRACTOR ON-SITE SUPERVISOR WHEN PLACING ALL POWER & LIGHTING FIXTURES TO ENSURE PROPER LOCATION AND FUNCTIONALITY. ALL ELECTRICAL WIRING TO BE COPPER.
25. ALL DRYERS AND EXHAUST FANS TO BE VENTED TO EXTERIOR OF HOME.
26. LIGHT FIXTURES IN BATHROOMS SHALL COMPLY WITH ART. 410-10 PER NFPA 70-20.
27. ALL ELECTRICAL RECEPTACLES WITHIN BEDROOMS WILL BE ARC FAULT CIRCUIT INTERRUPTED.
28. NOTICE MUST BE PROVIDED TO PROJECT MANAGER PRIOR TO ANY CHANGES FOR ALL FIELD CORRECTIONS.
29. SEE TRUSS LAYOUT FOR ANY SUPPLEMENTAL TRUSS BRACING.
30. ANY REFERENCE SHOWN FOR A SCREEN ENCLOSURE OR POOL SHALL BE PERMITTED INDEPENDENTLY BY A LICENSED ALUMINUM CONTRACTOR OR POOL CONTRACTOR, POSSIBLY TO BE CONSTRUCTED AT A FUTURE DATE.
31. ROOF SHINGLES SHALL EXTEND PAST THE EAVES DRIP 1/2" MINIMUM 3/4" MAXIMUM
32. RESISTANCE CONNECTORS MAY BE INTERCHANGED WITH ANOTHER CONNECTOR THAT PROVIDES EQUAL OR GREATER RESISTANCE.
33. EXTERIOR WALL COVERINGS CEMENTITIOUS FINISH WEEP SCREED SHALL NOT BE INSTALLED CLOSER THAN 4" TO GRADE IN COMPLIANCE W/ FBC 8TH EDITION RESIDENTIAL PER SECTION 703.7 AND APPLICATION REQUIREMENTS SHALL COMPLY WITH ASTM C926, C932, C1063, C1787.
34. OPENINGS AND PENETRATIONS THROUGH THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE IN ACCORDANCE WITH SECTIONS R302.5.1 THRU R302.5.3.
35. THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6. W/ NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT APPLIED TO GARAGE SIDE OF WALL. THIS PROVISION DOES NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.
36. ENCLOSED SPACE UNDER STAIRS THAT IS ACCESSED BY A DOOR OR ACCESS PANEL SHALL HAVE WALLS, UNDER-STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2" GYPSUM BOARD.
37. CONTRACTOR / OWNER SHALL PROVIDE ON-SITE THE FLORIDA PRODUCT APPROVAL INFORMATION INCLUDING MANUFACTURER'S APPROVED INSTALLATION SPECIFICATIONS AND/OR GUIDELINES FOR ALL COMPONENTS AND CLADDING ASSEMBLIES ASSOCIATED WITH THE EXTERIOR ENVELOPE.
38. ALL APPLIANCES SHALL BE INSTALLED AND PROTECTED PER M1307.3.1 AND P2801.6 PER THE FBC 8TH EDITION (2023) RESIDENTIAL.
39. FOAM PLASTIC SHALL BE SEPARATED FROM THE INTERIOR OF A BUILDING BY AN APPROVED THERMAL BARRIER OF NOT LESS THAN 1/2" GYPSUM WALLBOARD, 23/32" WOOD STRUCTURAL PANEL OR A MATERIAL THAT IS TESTED IN ACCORDANCE WITH AND MEETS THE ACCEPTANCE CRITERIA OF BOTH THE TEMPERATURE TRANSMISSION FIRE TEST AND THE INTEGRITY FIRE TEST OF NFPA 275. PER FBCR 316.4, IF FOAM PLASTIC (ICYNENE) IS TO BE INSTALLED.
40. EXTERIOR PLASTER AND WIRE LATH TO BE INSTALLED PER SECTION R703.7 AND ASTM C1063 OR C1787 STANDARD SPECIFICATIONS FOR INSTALLATION OF METAL LATH.
41. FIREBLOCKING SHALL BE INSTALLED PER FBC RESIDENTIAL EIGHTH EDITION 2023 PER SECTION R302.11 WHEN REQUIRED.

GENERAL NOTES

ANY REFERENCE TO CONTRACTOR SHALL ALSO INCLUDE ALL SUBCONTRACTORS AS THEY RELATE TO ANY AND ALL NOTES THROUGH OUT THESE PLANS

1. DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER PROJECT DRAWINGS BY OTHER DISCIPLINES. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CODES LISTED.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS RELATING TO EXISTING CONDITIONS BY MAKING FIELD SURVEYS AND MEASUREMENTS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL REVIEW AND VERIFY ALL DRAWINGS, NOTES, DETAILS AND DIMENSIONS PRIOR TO START OF CONSTRUCTION, AND TO REPORT, IN WRITING, ANY DISCREPANCY TO THE ENGINEER, PRIOR TO CONSTRUCTION, FOR CORRECTION. ENGINEER IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS NOT BROUGHT TO HIS ATTENTION PRIOR TO START OF CONSTRUCTION. IF DETAILS, NOTES, AND/OR CALLOUTS ARE FOUND TO BE IN CONFLICT THE MORE RESTRICTIVE DIRECTIVE SHALL GOVERN.
4. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO ADJACENT BUILDINGS, UTILITIES, OR OTHER PROPERTY. THIS REQUIREMENT IS PARTICULARLY IMPORTANT DURING FOUNDATION INSTALLATION.
5. DELEGATE ENGINEER REQUIREMENTS: THE FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERS HAS CREATED RULES CONCERNING ENGINEER OF RECORD'S INCORPORATING CERTAIN DESIGN OF COMPONENTS TO ANOTHER ENGINEER. PURSUANT TO FAC 61G15-30 DELEGATE ENGINEER SHALL SIGN AND SEAL THESE PLANS FOR WRITTEN ENGINEERING REQUIREMENTS. DELEGATE ENGINEER SHALL SUBMIT FINAL DOCUMENTS DIRECTLY TO ENGINEER OF RECORD.
6. UNLESS NOTED OTHERWISE, EXTERIOR DIMENSIONS SHOWN DO NOT INCLUDE THICKNESS OF EXTERIOR WALL COVERINGS. ALL INTERIOR DIMENSIONS TO BLOCK WALLS EXTEND TO BLOCK FACE AND DO NOT ACCOUNT FOR FURRING STRIP, RIGID INSULATION, OR DRYWALL.
7. COPYRIGHT INDEMNIFICATION: CLIENT DOES HEREBY ACKNOWLEDGE THAT ANY PLANS, IDEAS, OR CONCEPTUALS GIVEN TO K&K DRAFTING AND DESIGN LLC HAVE BEEN PURCHASED BY SAID CLIENT AND THAT THEY HAVE RECEIVED CONSENT FROM THE ORIGINAL COPYRIGHT REGISTRANT TO BE USED IN PRODUCTION OR FABRICATION OF PLANS. CLIENT WILL INDEMNIFY AND HOLD K&K DRAFTING AND DESIGN LLC, ITS OFFICERS, OFFICIALS, EMPLOYEES, AND VOLUNTEERS HARMLESS FROM ANY AND ALL CLAIMS, INJURIES, DAMAGES, LOSSES OR SUITS INCLUDING ATTORNEY FEES, ARISING OUT OF OR RESULTING FROM THE ACTS, ERRORS OR OMISSIONS, OR RESULTING FROM LEGALITIES IN RELATION TO OWNERSHIP, DESIGN PROPERTIES, DESIGN ORIENTATION, OR ANY AND ALL COPYRIGHT DISPUTES.

BUILDING PARAMETERS

OCCUPANCY: SINGLE-FAMILY RESIDENTIAL-R3

TYPE OF CONSTRUCTION:
UNPROTECTED ORDINARY
FBC V-B, FFPC V(000)

FIRE SPRINKLER: NO

SEISMIC & WIND RISK CATEGORY: II

HEIGHT / AREA LIMITATIONS

PARAMETER	ACTUAL	LIMIT
HEIGHT	11 FT 8 IN	55 FT
AREA	2,235 SF	UL
STORIES	1	3

CODES AND REFERENCES

GENERAL:	FLORIDA BUILDING CODE EXISTING, 8TH EDITION (2023) FLORIDA BUILDING CODE BUILDING, 8TH EDITION (2023) FLORIDA BUILDING CODE RESIDENTIAL, 8TH EDITION (2023)
ASCE 7-22	MIN DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES
ICC 600-20	STD. FOR RES. CONSTRUCTION IN HIGH-WIND AREAS
NFPA 70-20	NATIONAL ELECTRIC CODE
ACI 318-19	BLD. CODE REQUIREMENTS FOR STRUCTURAL CONC.
ANSI/AISC	360-16 SPECIFICATIONS FOR STEEL BUILDINGS
ANSI/AWC	WFMC-2018 WOOD FRAME CONSTRUCTION MANUAL
ANSI/AWC	NDS-2018 WOOD CONSTRUCTION W/ 2018 SUPMT
ANSI/AWC	SDPWS-2021 SPECIAL DSN. PROVISIONS FOR WIND
AISI S230	2019 STD FOR COLD FORMED STEEL FRAMING-RES.

ENGINEER NOTES

1. TRUSS SHALL BE DESIGNED BY DELEGATED ENGINEER AND PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED USING THE MORE RESTRICTIVE OF MINIMUM DESIGN LOADS AS SPECIFIED BY ASCE/SEI 7-22 AND CONDITIONS CONTAINED HEREIN. TRUSSES SHALL BEAR ONLY ON LOAD BEARING WALLS SHOWING IN THE PLANS. THE ENGINEER OF RECORD HAS SELECTED TRUSS FASTENERS AND OTHER CONNECTORS BASED UPON THE TRUSS COMPANY'S CALCULATED UPLIFTS AND REACTIONS. DELEGATED ENGINEER SHALL SUBMIT FINAL ENGINEERING SUBMITTAL TO E.O.R. FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. DOCUMENTS RECEIVED BY THE TRUSS COMPANY AND INCLUDED IN THESE PLANS ARE BELIEVED TO BE CORRECT TO THE BEST OF THE E.O.R.'S KNOWLEDGE, HOWEVER, THE ACCURACY OF THE INFORMATION CANNOT BE GUARANTEED.
2. ENGINEER'S REVIEW AND APPROVAL OF TRUSS INFORMATION AND LINTEL INFORMATION IS BASED UPON THE INFORMATION CONTAINED HEREIN. SHOULD THE TRUSS DESIGN, TRUSS MANUFACTURER, OR LINTEL MANUFACTURER CHANGE, FURTHER REVIEW BY THE E.O.R. IS REQUIRED.
3. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS AND STRUCTURAL SYSTEMS ONLY. NO OTHER ASPECT OF THESE PLANS SHALL BE CONSIDERED SIGNED, SEALED, OR REVIEWED BY ENGINEER-OF-RECORD (E.O.R.)
4. ASSUMED SOIL BEARING CAPACITY = 2,000 PSF
5. LIVE LOADS (FBCR TABLE R301.5):

UNINHABITABLE ATTICS WITH LIMITED STORAGE	=	20	PSF
UNINHABITABLE ATTICS WITHOUT STORAGE	=	10	PSF
SLEEPING ROOMS & HABITABLE ATTICS (W/ STAIRS)	=	30	PSF
STAIRS, BALCONIES, DECKS & ALL OTHER ROOMS	=	40	PSF
VEHICLE GARAGES & GUARD IN-FILL COMPONENTS	=	50	PSF
GUARDRAILS & HANDRAILS (SINGLE CONCENTRATE LOAD)	=	200	LBS

6. MINIMUM DEAD LOADS:

DESCRIPTION	SHINGLE ROOF (PSF)	METAL ROOF (PSF)	TILE ROOF (PSF)	HEAVY/CLAY ROOF (PSF)
ROOF TOP CHORD DL	7	10	20	25
ROOF BOTTOM CHORD DL	10	10	10	10

FLOOR LOADING	CARPET	WOOD	TILE	LIGHT WT. CONC.
FLOOR TOP CHORD DL	10			10 LBS/IN
FLOOR BOT. CHORD DL	5			

ALL OTHER DEAD LOADS = ACTUAL WT. OF MATERIALS

7. ROOF LIVE LOADS (FBCR TABLE R301.6)

ROOF PITCH	LOAD
FLAT TO < 4:12	20 PSF
4:12 TO < 12:12	16 PSF
12:12 AND GREATER	12 PSF

8. RISK CATEGORY II (ASCE 7-22 TABLE 1.5-1)
9. STRUCTURE HAS BEEN DESIGNED USING THE FOLLOWING DESIGN WIND LOAD PARAMETERS (ASCE 7-22)
   - 9.1. BASIC WIND SPEED (ULTIMATE DESIGN WIND SPEED), V_{ULT} = 130-MPH
   - 9.2. NOMINAL DESIGN SPEED, V_{ASD} = 108-MPH
   - 9.3. BUILDING CATEGORY (ASCE/SEI 7-22 SECTION 26.2) = "ENCLOSED" (GCpi = ± 0.18)
   - 9.4. EXPOSURE CATEGORY (ASCE/SEI 7-22 SECTION 26.7.3) = "B"
   - 9.5. WIND SPEED-UP EFFECT, K_{zt} (ASCE/SEI 7-22 FIGURE & EQN 26.8-1) = 1.00
   - 9.6. STRUCTURAL ELEMENTS OR STRUCTURAL SYSTEMS MAY BE DESIGNED WITH A GREATER WIND SPEED OR EXPOSURE CATEGORY.
10. ALL OPENINGS IN EXTERIOR WALLS SHALL COMPLY WITH COMPONENTS AND CLADDING DESIGN PRESSURES LISTED IN THESE PLANS. BUILDING ENVELOPE PRODUCTS THAT HAVE BEEN TESTED TO AIR PRESSURE STANDARDS THAT INCORPORATE A SAFETY FACTOR ARE TYPICALLY RATED FOR AN ALLOWABLE STRESS DESIGN WIND PRESSURE (0.6W) RATHER THAN A STRENGTH DESIGN PRESSURE (1.0W) OR WIND SPEED, IN ORDER TO PROPERLY SELECT PRODUCTS TESTED AND RATED IN THIS MANNER, THE C&C PRESSURES LISTED IN THE PLANS SHOULD BE ADJUSTED FOR THE ALLOWABLE STRESS DESIGN LOAD FACTOR BY MULTIPLYING THE LISTED PRESSURE BY THE FACTOR 0.6.
11. ALUMINUM STRUCTURE DESIGN TO BE IN ACCORDANCE WITH FBCR SECTION R301.2.1.1.1.1 OR R301.2.1.1.2.
12. SUNROOM DESIGN TO BE IN ACCORDANCE WITH FBCR SECTION R301.2.1.1.1.

NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.:#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

K & K DRAFTING AND DESIGN
14772 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8761 EMAIL: HKRAUS@KANDKDRAFTING.COM

COVER PAGE

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN
LICENSE
No. 77580
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:27-04'00'

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY.

DARRELL O'KAIN, PE
FLORIDA LICENSE NO. 77580

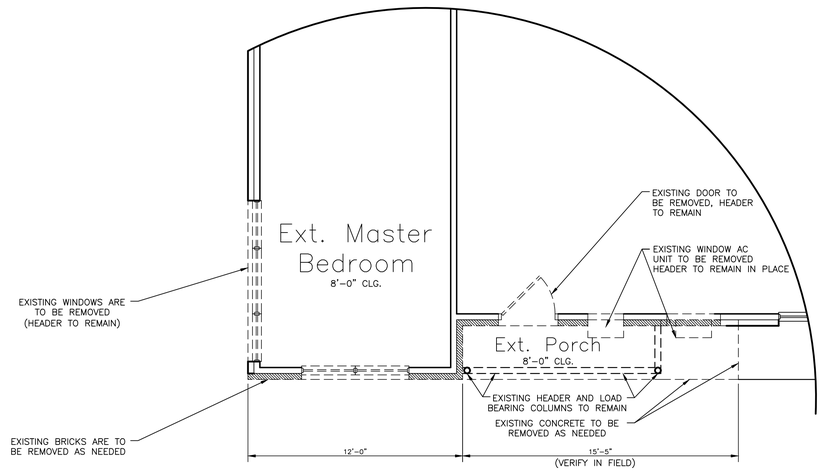
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DARRELL O'KAIN, PE ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHEET NO.
C1

CONTRACTOR/ TRUSS SUPPLIER TO VERIFY EXISTING/ PROPOSED BLOCK WALL HEIGHT & ALL EXISTING CONDITIONS TO AVOID ANY IN-FIELD DISCREPANCIES

NOTE: IF ANY CONDITIONS ARE DISCOVERED THAT ARE NOT ADDRESSED IN THIS REMODEL PLAN, CONTRACTOR IS TO IMMEDIATELY REPORT SAID CONDITIONS TO THE ENGINEER-OF-RECORD FOR A REPAIR DIRECTIVE AND/OR REPAIR PLAN MODIFICATION.



Existing/Demo Floor Plan

SCALE: 1/4" = 1'-0"
NOTE: CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS BEFORE CONSTRUCTION

WALL LEGEND	
	EXISTING FRAME WALL WITH BRICK EXTERIOR (TO REMAIN)
	EXISTING FRAME STRUCTURE (TO BE REMOVED)
	EXISTING BRICK EXTERIOR TO BE REMOVED AND SAVED IF NEEDED

NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

K & K DRAFTING AND DESIGN
19772 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8761 EMAIL: HKRAUS@KANDKDRAFTING.COM

EXISTING/DEMO PLAN

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:29-04'00'

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY

DARRELL O'KAIN, PE
FLORIDA LICENSE NO. 77580

THIS ITEM HAS BEEN ESIGITALLY SIGNED AND SEALED BY DARRELL O'KAIN, PE ON THE DATE ADJACENT TO THE SEAL.

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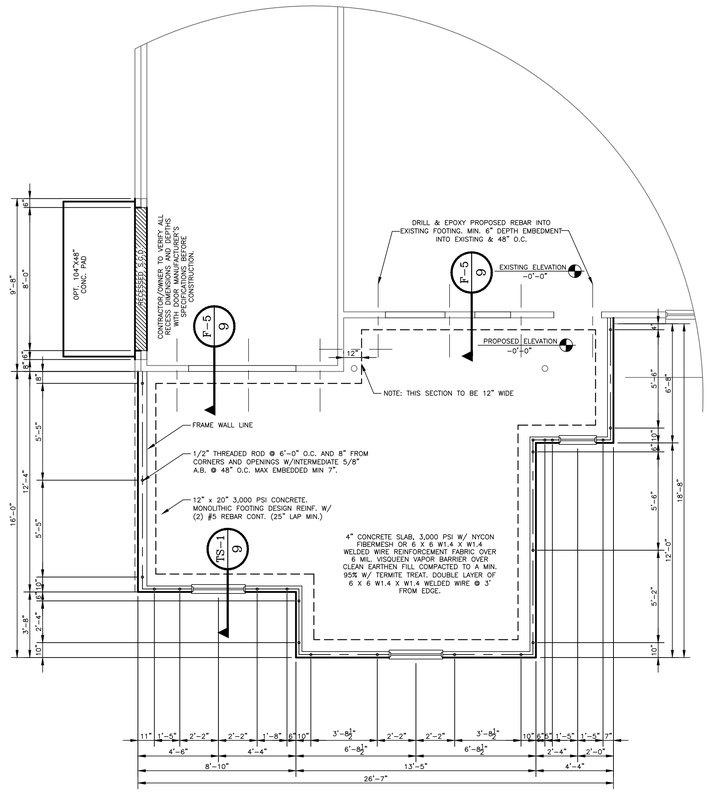
SHEET NO.
2

CONTRACTOR/ TRUSS SUPPLIER TO VERIFY EXISTING/ PROPOSED BLOCK WALL HEIGHT & ALL EXISTING CONDITIONS TO AVOID ANY IN-FIELD DISCREPANCIES

NOTE: IF ANY CONDITIONS ARE DISCOVERED THAT ARE NOT ADDRESSED IN THIS REMODEL PLAN, CONTRACTOR IS TO IMMEDIATELY REPORT SAID CONDITIONS TO THE ENGINEER-OF-RECORD FOR A REPAIR DIRECTIVE AND/OR REPAIR PLAN MODIFICATION.



FOUNDATION NOTES

1. UNLESS NOTED OTHERWISE, ALL CONCRETE FILLED CELLS REGARDLESS OF LOCATION SHALL CONTAIN (1) VERTICAL #5 REBAR (MIN.) THAT ANCHORS THE SLAB TO THE BOND BEAM AND SHALL CONFORM TO ACI-315, MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES.
2. FOOTING DESIGN IS BASED ON MINIMUM SOIL BEARING CAPACITY OF 2,000 PSF.
3. THE SOILS UNDER THE FLOOR SLABS AND BUILDING FOUNDATIONS SHALL BE STABLE, NON-ORGANIC, SAND OR SAND WITH LIMITED FINES, AND COMPACTED TO MINIMUM 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
4. MICRO-SYNTHETIC FIBER REINFORCEMENT OR 6x6 W1.4xW1.4 WELDED WIRE COMPLYING WITH R506.2.4.2 FOR CRACK CONTAINMENT SHALL BE USED THROUGHOUT ALL CONCRETE SLABS.
5. A POLYETHYLENE VAPOR RETARDER, HAVING A MIN. THICKNESS OF 6 MIL WITH JOINTS TAPED AND LAPPED MIN. 6", SHALL BE PLACED BETWEEN SLAB AND SUBGRADE IN ALL ENCLOSED AREAS AND TERMITE TREATED SOILS.
6. ALL CONCRETE SHALL HAVE A MINIMUM OF f'c=3,000 PSI AT 28 DAYS.
7. ALL EXCAVATION, GRADING, AND FILL SHOULD COMPLY WITH FBC 8TH EDITION 2023 BUILDING, PER SECTION 1804.
8. CONTRACTOR/OWNER TO VERIFY ALL RECESS DIMENSIONS AND DEPTHS IN SLAB FOR SHOWERS AND DOOR THRESHOLDS BEFORE CONSTRUCTION WITH MANUFACTURER'S SPECIFICATIONS.
9. FINISH FLOOR SHALL BE CONSTRUCTED MINIMUM OF 12" ABOVE BASE FLOOD ELEVATION.
10. WHERE SITE HAS BEEN EVALUATED BY A GEOTECHNICAL ENGINEER, ALL SITE PREPARATION AND FOUNDATION REQUIREMENTS SHALL BE IN ADDITION TO REQUIREMENTS HEREIN.
11. R105.10 CERTIFICATE OF PROTECTION TREATMENT FOR PREVENTION OF TERMITES. A WEATHER-RESISTANT JOB-SITE POSTING BOARD SHALL BE PROVIDED TO RECEIVE DUPLICATE TREATMENT AS EACH REQUIRED PROTECTIVE TREATMENT IS COMPLETED, PROVIDING A COPY FOR THE PERSON THE PERMIT IS ISSUED TO AND ANOTHER COPY FOR THE BUILDING PERMIT FILES. THE TREATMENT CERTIFICATE SHALL PROVIDE THE PRODUCT USED, IDENTITY OF THE APPLICATOR, TIME AND DATE OF THE TREATMENT, SITE LOCATION, AREA TREADED, CHEMICAL USED, PERCENT CONCENTRATION AND NUMBER OF GALLONS USED, TO ESTABLISH A VERIFIABLE RECORD OF PROTECTIVE TREATMENT. IF THE SOIL CHEMICAL BARRIER METHOD FOR TERMITE PREVENTION IS USED, FINAL EXTERIOR TREATMENT SHALL BE COMPLETED PRIOR TO THE FINAL BUILDING APPROVAL.
12. R105.11 NOTICE OF TERMITE PROTECTION. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL.

NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

K & K DRAFTING AND DESIGN
15872 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8761 EMAIL: HKRAUS@KANDKDRAFTING.COM

PROP. FOUNDATION PLAN

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:31-04'00'

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY

DARRELL O'KAIN, PE
FLORIDA LICENSE NO. 77580

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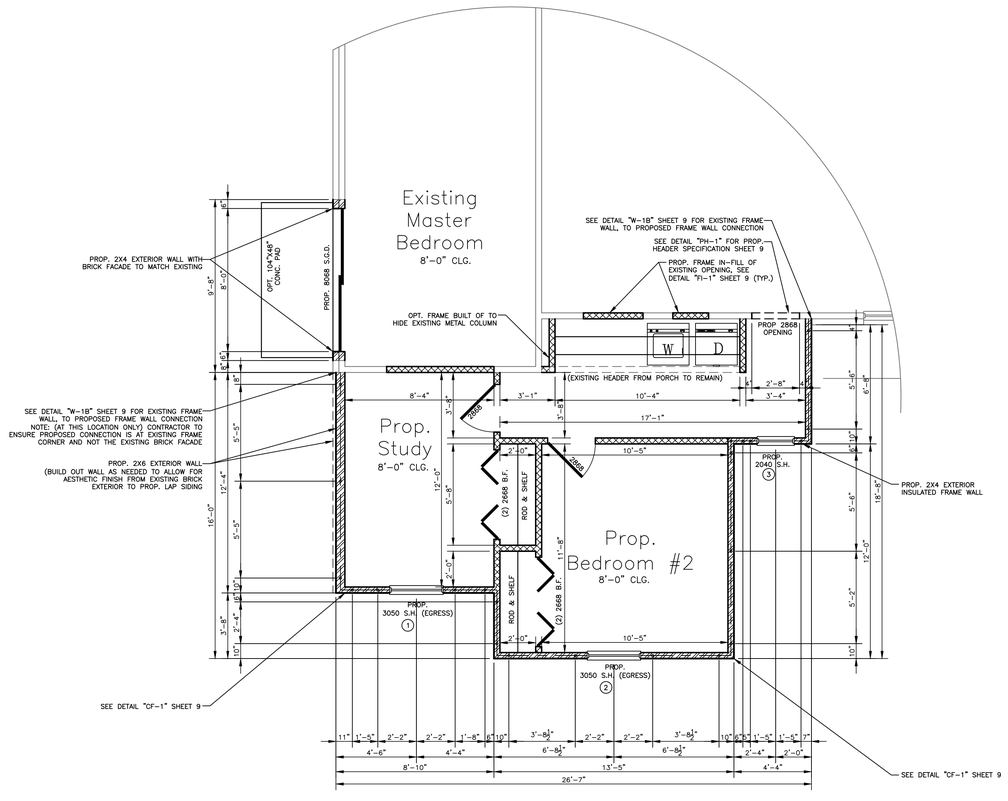
SHEET NO.
3

CONTRACTOR/ TRUSS SUPPLIER TO VERIFY EXISTING/ PROPOSED BLOCK WALL HEIGHT & ALL EXISTING CONDITIONS TO AVOID ANY IN-FIELD DISCREPANCIES

NOTE: IF ANY CONDITIONS ARE DISCOVERED THAT ARE NOT ADDRESSED IN THIS REMODEL PLAN, CONTRACTOR IS TO IMMEDIATELY REPORT SAID CONDITIONS TO THE ENGINEER-OF-RECORD FOR A REPAIR DIRECTIVE AND/OR REPAIR PLAN MODIFICATION.



Prop. Floor Plan

SCALE: 1/4" = 1'-0"

CONTRACTOR/MASON TO VERIFY WALL HEIGHT WITH TRUSS COMPANY BEFORE CONSTRUCTION

ALL PROPOSED WINDOWS ARE TO HAVE BRICK SILL THAT ARE TO MATCH EXISTING

BUILDER TO VERIFY NICHES & HEADER TYPES & ALL CEILING ELEMENTS WITH OWNER & TRUSS COMPANY BEFORE CONSTRUCTION

NOTE TO FRAMER:
VERIFY DOOR CASING WIDTHS BEFORE CONSTRUCTION TO ALLOW FOR ADEQUATE TOLERANCES BETWEEN INTERSECTING WALLS

ANY REFERENCE TO "STUCCO", ON THE PLANS IS ACTUALLY REFERRING TO "CEMENTITIOUS COATING"

HEADER SCHEDULE

HEADER MARK	MARION MASONRY TABLE #	POWERBROX LINTEL COLUMN #	LINTEL LENGTH OR WOOD HEADER CLEAR SPAN	BOTTOM OF LINTEL/HEADER A.F.F.	SPECIFICATIONS / REMARKS
1	NA	NA	3'-0"	6'-8"	3050 S.H.
2	NA	NA	3'-0"	6'-8"	3050 S.H.
3	NA	NA	2'-0"	6'-8"	2040 S.H.

1. SEE SHEET "9 FOR FRAME HEADER INFORMATION.
2. CONTRACTOR/SUB CONTRACTOR TO VERIFY RECESS LINTEL LOCATIONS IN LIEU OF STANDARD LINTELS.
3. VERIFY ALL LINTEL LENGTHS AND BEARING HEIGHTS FOR WINDOW ROUGH OPENINGS.
4. OWNER/BUILDER TO VERIFY INSTALLATION PER MANUFACTURE SPECIFICATION

SYMBOLS

(X) HEADER OR LINTEL TAG

OWNER/CONTRACTOR TO VERIFY ALL PLUMBING FIXTURES BEFORE CNSTRCTN.

WALL LEGEND

- EXISTING FRAME/BLOCK WALL TO REMAIN
- PROP. EXTERIOR 2X4 LOAD BEARING INSULATED WALL
- PROP. INTERIOR 2X4 WALL

NBR	DESCRIPTION	DATE
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TANNER CONSTRUCTION

CLIENT:
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LAKE CITY, FL 32024

P.I.D.:#34-3S-16-024474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

K & K DRAFTING AND DESIGN
18772 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8761 EMAIL: JKRAUS@KANDKDRAFTING.COM

PROP. FLOOR PLAN

PROJECT ENGINEER

O.E.I
DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

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SHEET NO.
4

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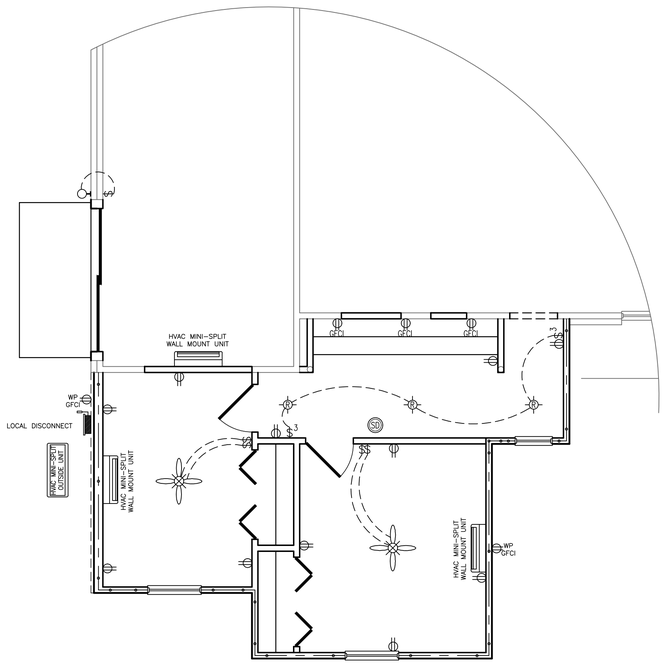
NOTE: IF ANY CONDITIONS ARE DISCOVERED THAT ARE NOT ADDRESSED IN THIS REMODEL PLAN, CONTRACTOR IS TO IMMEDIATELY REPORT SAID CONDITIONS TO THE ENGINEER-OF-RECORD FOR A REPAIR DIRECTIVE AND/OR REPAIR PLAN MODIFICATION.



Proposed Electrical Plan

SCALE: 1/4" = 1'-0"
ALL PROP. ELECTRICAL WORK SHOWN TO BE TIED INTO ELECTRICAL PANEL PER NEC 2020

BUILDING ENGINEER NOTE

ELECTRICAL, MECHANICAL, AND/OR PLUMBING INFORMATION ON THIS SHEET OF THE PLANS WAS NOT PREPARED BY OR REVIEWED BY THE BUILDING ENGINEER OR DESIGNER AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. ENGINEER SEAL ONLY APPLIES TO STRUCTURAL COMPONENTS.

ELECTRICAL NOTES

1. DESIGN OF ELECTRICAL SYSTEM SHALL BE THE PERFORMED BY ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
2. ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH NFPA 70-20 BY A LICENSED ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSTALLATION AND SIZING OF ALL ELECTRICAL, WIRING, AND ACCESSORIES.
3. ELECTRICAL CONTRACTOR SHALL NOT REMOVE, CUT, ALTER ANY TRUSSES, JOISTS, LOAD BEARING STUDS, LINTELS, HEADERS OR ANY OTHER STRUCTURAL COMPONENT UNLESS PERMITTED BY PROVISIONS OF THE BUILDING CODE.
4. ALL ELECTRICAL TO BE MOUNTED ABOVE THE BASE FLOOD ELEVATION.
5. SWITCH AND RECEPTACLE HEIGHTS ARE AS FOLLOWS TO CENTERLINE OF BOX:
   A. STANDARD OUTLETS 16"
   B. STANDARD SWITCHES 44"
   C. KITCHEN COUNTER OUTLETS 44"
   D. BATHROOM OUTLETS 42"
   E. WASHER AND DRYER OUTLETS 36"
   F. PHONE OUTLETS IN KITCHEN: BETWEEN UPPER AND LOWER CABINET 50" TO TOP
   G. REGULAR WALL PHONE 60" TO TOP
6. JUNCTION BOXES WILL NOT BE INSTALLED ON THE FRONT OF ANY BUILDING FOR ANY REASON, ANY CONNECTIONS OUT OF THE FRONT, MUST BE STABBED IN OR LOOPED AROUND FROM THE SIDE OF THE BUILDING FROM A JUNCTION BOX.
7. PROVIDE GFCI TYPE RECEPTACLES AT ALL BATHROOMS, KITCHEN, GARAGES, AND EXTERIOR WATERPROOF RECEPTACLES, OR SUPPLY THROUGH A GROUND FAULT CIRCUIT INTERRUPTER CIRCUIT BREAKER.
8. PROVIDE AFCI'S (ARC FAULT INTERRUPTERS) IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS. PER NFPA 70-20, ARTICLE 210.12.
9. LOW VOLTAGE WIRING FOR IRRIGATION IS TO BE ROUGHED IN AT FRAMING STAGE. LOW VOLTAGE WIRE TO BE SUPPLIED BY THE ELECTRICIAN IF APPLICABLE.
10. LOCATION AND RATING OF ALL ELECT. PANELS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
11. IF POOL IS TO BE INSTALLED: ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 DBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW IS OPENED.
12. CONTRACTOR TO CONNECT ALL FIXTURES AND APPLIANCES.
13. CONTRACTOR TO VERIFY WITH OWNER IF THE FOLLOWING ARE TO BE INSTALLED:
   A. SECURITY SYSTEM
   B. LOW VOLTAGE SURROUND SOUND
   C. LANDSCAPE IRRIGATION SYSTEM

HVAC NOTES

1. THERMOSTATS TO BE HONEYWELL OR EQUAL.
2. REFRIGERANT LINES SHALL BE PROPERLY SIZED FOR DISTANCE BETWEEN AIR HANDLER AND CONDENSER UNIT.
3. DUCTS SHALL BE SIZED PROPERLY FOR AIR VOLUME (CFM) TO EACH ROOM.
4. USE MIN. (3) WAY REGISTERS IN EACH ROOM.
5. ALL DUCTS TO BE INSULATED FOIL BACKED FLEX TYPE W/ ALL JOINTS TAPED & SEALED UNLESS NOTED OTHERWISE.
6. PROVIDE TURNING VANES WHEN NECESSARY.
7. USE SINGLE USE RETURN AIR FILTERS.
8. PROVIDE DUCT TO DRYER VENT.
9. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING. VENTING TO ATTIC SPACE OR SOFFIT IS PROHIBITED.
10. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MIN. 26 GA. SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE.
11. MECHANICAL CONTRACTOR SHALL NOT REMOVE, CUT, ALTER ANY TRUSSES, JOISTS, LOAD BEARING STUDS, LINTELS, HEADERS OR ANY OTHER STRUCTURAL COMPONENT UNLESS PERMITTED BY PROVISIONS OF THE BUILDING CODE.

ELECTRICAL LEGEND

	115V RECEPTACLE	$	SINGLE WALL SWITCH
	QUAD RECEPTACLE	$3	3 WAY WALL SWITCH
	1/2 HOT RECEPTACLE	$4	4 WAY WALL SWITCH
W.P.	WATER PROOF RECEPTACLE	$D	DIMMER SWITCH
220V	220V. RECEPTACLE		CEILING LIGHT
G.F.C.I.	GROUND FAULT CIRCUIT INTERRUPTER	V.P.	VAPOR-PROOF RECESSED CAN
R	RANGE SUPPLY (HOME RUN)		RECESSED CAN
	FAN FIXTURE		FAN FIXTURE WITH LIGHT

NBR	DESCRIPTION ISSUE	DATE
NA		05/24/2024

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TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

PROP. ELECTRICAL PLAN

K & K DRAFTING AND DESIGN
15872 SE 92ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8760 EMAIL: JBKRAUS@KANDKDRAFTING.COM

PROJECT ENGINEER

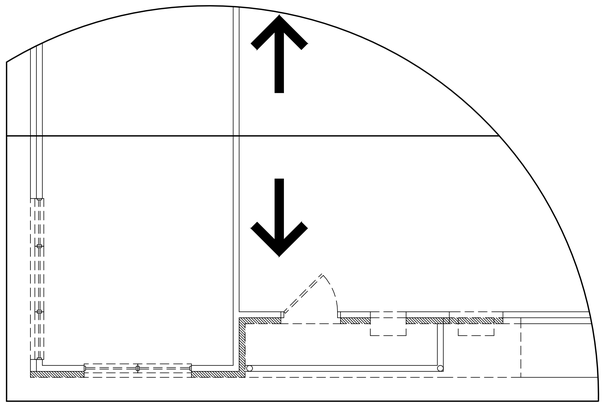
O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

ELECTRICAL, MECHANICAL, AND/OR PLUMBING CONTRACTOR LICENSED UNDER FLORIDA §489 SHALL BE RESPONSIBLE FOR DESIGN INCLUDING ALL CALCULATIONS, SCHEDULES, AND APPLICABLE CODE REQUIREMENTS FOR SYSTEMS INSTALLED BY VIRTUE OF THEIR LICENSE ON THIS PROJECT.

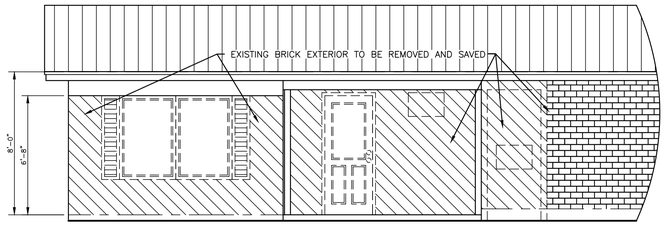
THIS SHEET IS NOT SIGNED OR SEALED BY ENGINEER.

SHEET NO.
5



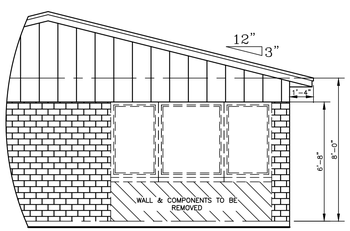
Existing/Demo Roof Plan

SCALE: 1/4" = 1'-0"



Existing/Demo Front Elevation

SCALE: 1/4" = 1'-0"



Existing/Demo Left Elevation

SCALE: 1/4" = 1'-0"

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANA WAY
LAKE CITY, FL 32024

P.I.D.#34-3S-16-02474-005

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JENKINS RESIDENCE

K & K DRAFTING AND DESIGN
1672 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-8761 EMAIL: JBKRAUS@KANDKDRAFTING.COM

EXISTING ELEV. & ROOF PLAN

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:33-04'00'

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY

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FLORIDA LICENSE NO. 77580

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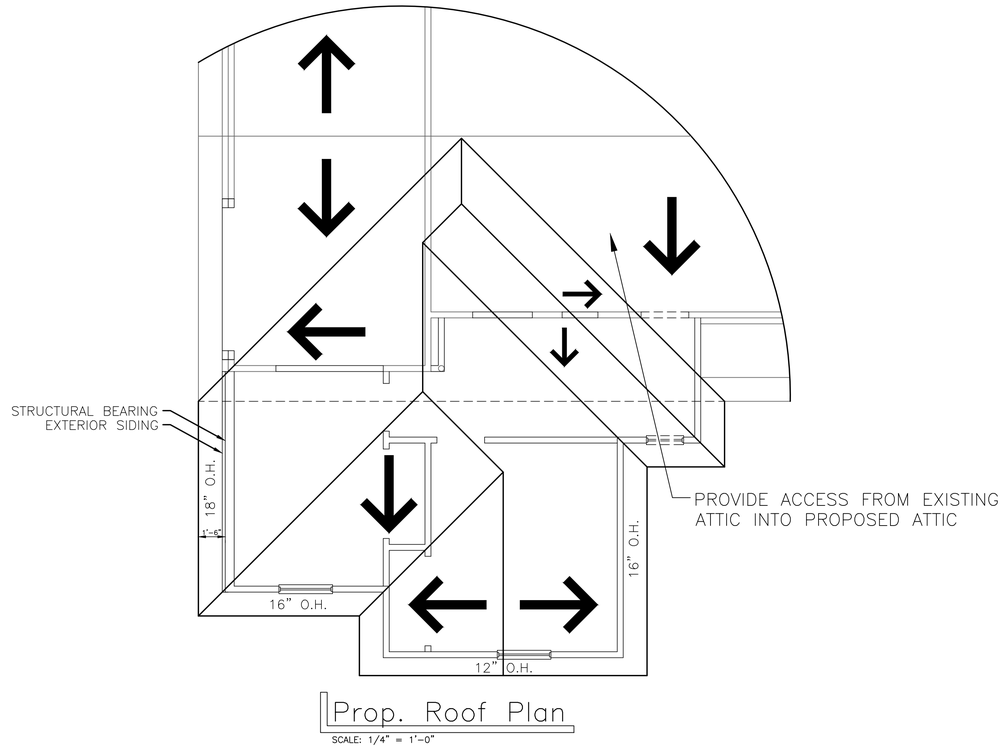
SHEET NO.
6

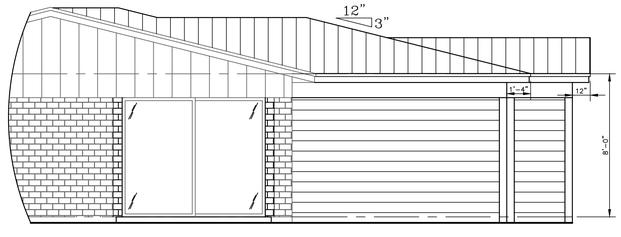


Prop. Roof Plan

SCALE: 1/4" = 1'-0"

Proposed Front Elevation

SCALE: 1/4" = 1'-0"



Proposed Left Elevation

SCALE: 1/4" = 1'-0"

JENKINS RESIDENCE

PROP. ELEV. & ROOF PLAN

NBR	DESCRIPTION	DATE
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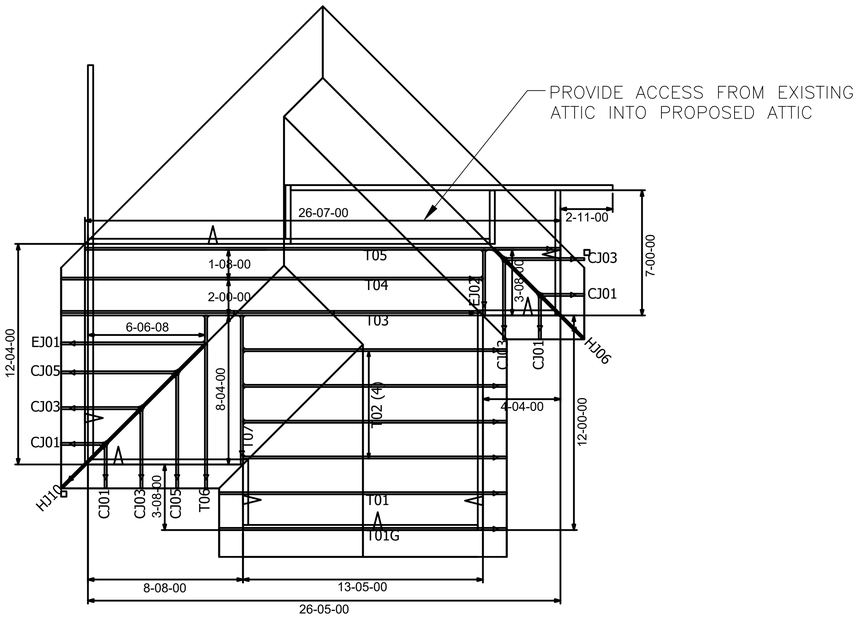

3/12 PITCH - 16" O/H

TRUSS BRACING NOTES

1. TRUSS HANDLING, INSTALLATION, CONSTRUCTION LOADING, TEMPORARY BRACING, AND PERMANENT BRACING SHALL COMPLY WITH BCSI 2018.
2. UNLESS OTHERWISE SPECIFIED, LUMBER USED FOR LATERAL RESTRAINT AND DIAGONAL BRACING SHALL BE SAME TYPE AS TRUSS MATERIAL AND MINIMUM SIZE OF 2X4 NOMINAL. LATERAL RESTRAINT AND BRACING SHALL BE FASTENED TO EACH TRUSS WITH AT LEAST (2) 10D NAILS.
3. TEMPORARY BRACING MAY ALSO BE USED AS PERMANENT BRACING PROVIDED THAT MINIMUM REQUIREMENTS FOR PERMANENT BRACING ARE SATISFIED.
4. GABLE END BRACING SHALL BE INSTALLED WHERE GABLE END HEIGHT IS 4' OF GREATER WHEN MEASURED VERTICALLY FROM THE PLATE HEIGHT.
5. BOTTOM CHORD PERMANENT LATERAL RESTRAINT SHALL BE INSTALLED AS CONTINUOUS ROWS SPACED NO MORE THAN 10' O.C. UNLESS CLOSER SPACING IS REQUIRED BY THE TRUSS DESIGN. ALL LATERAL RESTRAINT TO BE LAPPED AT LEAST 2 TRUSSES.
6. WHERE STRUCTURAL SHEATHING OR GYPSUM BOARD IS NOT INSTALLED AT THE BOTTOM FACE OF THE TRUSS AND UNLESS NOTED OTHERWISE INSTALL ROWS OF DIAGONAL BRACING AT INTERVALS OF NO MORE THAN 20' ALONG THE LENGTH OF THE BUILDING PER BCSI B3-7.
7. INSTALL DIAGONAL SWAY BRACING EVERY 10 TRUSSES (OR 20' MAX) AND AT SAME SPACING AS BOTTOM CHORD LATERAL RESTRAINT PER BCIS FIGURE B3-43. FULL SHEATHED HIP TYPE ROOF SHALL SATISFY SWAY BRACING REQUIREMENT.
8. FOR PIGGY BACK ASSEMBLIES, CONTINUOUS LATERAL RESTRAINT SHALL BE INSTALLED AS CONTINUOUS ROWS SPACED NO MORE THAN 4 FEET O.C. AT TOP CHORD OF SUPPORTING TRUSS. ADDITIONALLY, DIAGONAL BRACING SHALL BE INSTALLED EVERY 10' PER BCSI FIGURE B3-47. ALTERNATIVELY, BRACING FRAME OR 15/32" STRUCTURAL SHEATHING MAY BE USED PER BCSI B3-48.
9. FOR FLOOR TRUSS APPLICATIONS: A. PROVIDE A MINIMUM 2X6 CONTINUOUS STRONGBACK ORIENTED WITH THE DEPTH VERTICAL EVERY 10' O.C. AND ATTACHED TO VERTICAL TRUSS MEMBERS WITH (3) 10D NAILS. STRONGBACK SHALL BE BLOCKED MINIMUM 4' OF EACH END. B. WHERE STRUCTURAL SHEATHING OR GYPSUM BOARD IS NOT INSTALLED AT THE BOTTOM FACE OF THE TRUSS, BOTTOM CHORD PERMANENT DIAGONAL BRACING SHALL BE INSTALLED EVERY 15 TRUSSES (30' MAX). C. PERMANENT DIAGONAL BRACE TO VERTICAL WEBS AT END OF CANTILEVER AND AT INTERIOR AND EXTERIOR BEARING LOCATIONS. D. INSTALL SOLID BLOCKING DIRECTLY BENEATH LOAD BEARING COLUMNS TO MAINTAIN A LOAD PATH THROUGH THE FLOOR TO THE SUPPORTING STRUCTURE BELOW.
10. LEDGER BOARDS FASTENED TO TRUSSES SHALL BE LATERALLY BRACED AT LEDGER BOARD LOCATION.

TYPICAL SUPPLIER INFO

COMPANY: BUILDERS 1ST CHOICE
DATE OF TRUSS LAYOUT USED: 03/19/2024
IF OWNER/BUILDER DEVIATES FROM PLANS THAT WERE PROVIDED BY TRUSS SUPPLIER STATED ABOVE THE ENGINEER OF RECORDED SHALL BE REQUIRED TO REVIEW ANY & ALL PROPOSED MODIFICATION BEFORE CONSTRUCTION

RIDGE VENT CALCULATION

THE ROOF SQUARE FOOTAGE FOR ATTIC SPACE IS 393 SQ. FT.
393 SQ. FT./150 SQ. FT. = 2.62 SQ. FT.
2.62 SQ. FT. = 377.28 SQ. IN.
189 SQ. IN. INTAKE & 189 SQ. IN. EXHAUST REQUIRED
SEE MANUFACTURER'S PRODUCT INFORMATION FOR ALLOWABLE VENTILATION REQUIREMENTS ARE MET. NOT REQUIRED IF NON VENTED ATTIC SPACE IS APPLIED

TYPICAL TRUSS CONNECTOR FOR FRAME WALLS

(1 PLY) SIMPSON H10A OR EQUAL. USE (9) 0.148 X 1-1/2" INTO TRUSS & (9) 0.148 X 1-1/2" INTO STUDS FOR 1,105# UPLIFT

(2 PLY) SIMPSON H10A-2 OR EQUAL. USE (9) 0.148 X 1-1/2" INTO TRUSS/GIRDER & (9) 0.148 X 1-1/2" INTO STUDS FOR 1,080# UPLIFT

(3 PLY) SIMPSON LGT3-SDS2.5 2 OR EQUAL. USE (12) 1/4 X 2-1/2" SDS INTO TRUSS/GIRDER & (26) 0.148 X 3-1/4" INTO MIN. (3) STUDS OR COLUMN FOR 3,480# UPLIFT

TRUSS NOTES

CONTRACTOR OR OWNER TO VERIFY ALL TOP OF WALL HEIGHTS WITH TRUSS COMPANY BEFORE CONSTRUCTION.

ALL TRUSSES SHALL BE PRE-ENGINEERED WOOD TRUSSES @ 24" O.C. TRUSS MFG. SHALL PROVIDE SHOP DRAWINGS & ENGINEERING FOR REVIEW BY PROJECT STRUCTURAL ENGINEER & PERMIT SUBMITTAL PRIOR TO FABRICATION. ALL SPECIAL BRACING SHALL BE INSTALLED AS NOTED ON SHOP DRAWINGS. STRAPPING SHALL CONFORM TO UPLIFT REQUIREMENTS AS SHOWN ON TRUSS ENGINEERING DRAWINGS.

CONTRACTOR TO PROVIDE STRAPPING TO OVERCOME UPLIFT LOADS AS INDICATED IN TRUSS ENGINEERING, PROVIDING A CONTINUOUS TIE FROM ROOF FRAME/ TRUSSES THROUGH BUILDING TO FOUNDATION. STRAPPING SHALL MEET OR EXCEED UPLIFT REQUIREMENTS AT EACH TRUSS CONNECTION LOCATION AS SHOWN ON TRUSS ENGINEERING DRAWINGS

ALL TRUSSES SHALL HAVE A MIN. 2X4 BLOCKING INSTALLED AT ALL RIDGES, HIPS, AND VALLEYS

ALL PORCHES OR EXPOSED CEILINGS OUTSIDE THE EXTERIOR WALL LINE SHALL HAVE MIN. 15/32 APA RATED SHEATHING (NAILED PER ROOF SHEATHING SCHEDULE) OR OTHER APPROVED CEILING MATERIALS INSTALLED PER FLORIDA PRODUCT APPROVAL, INSTALLED TO UNDERSIDE OF TRUSSES OR FRAMING MATERIAL TO MAINTAIN ENCLOSED BUILDING STATUS OF STRUCTURAL DESIGN. NON-RATED FINISHES TO BE INSTALLED TO UNDERSIDE OF SHEATHING PER BUILDING CONTRACT.

ALL GYPSUM BOARD INSTALLED TO UNDERSIDE OF TRUSSES @ 24" O.C. SHALL BE EITHER 5/8" REGULAR OR 1/2" SAG RESISTANT BOARD INSTALLED PER FBC 2023 RESIDENTIAL R702.3.5, R702.3.6, & R702.3.7

ALL EXTERIOR WALLS, WALL COVERINGS AND SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN COMPONENTS AND CLADDING PRESSURE TABLE.

NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

TRUSS LAYOUT

K & K DRAFTING AND DESIGN
15872 SE 42ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-6761 EMAIL: JBKRAUSE@KANDKDRAFTING.COM

PROJECT ENGINEER

O.E.I
DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:34-04'00'

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DARRELL O'KAIN, PE
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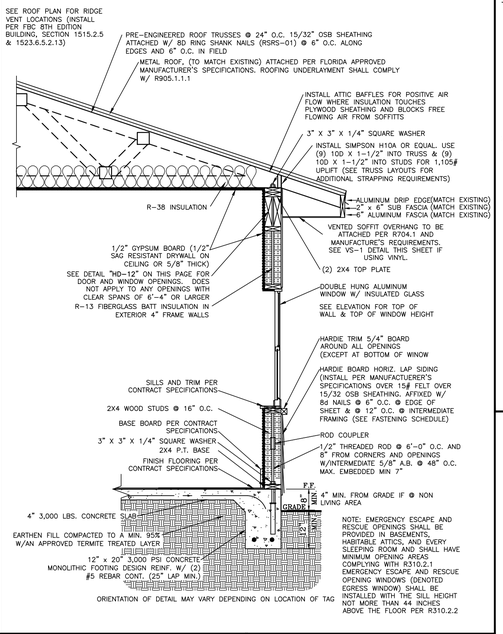
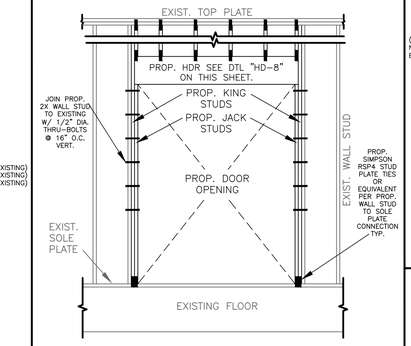
SHEET NO.
8

TS-1 TYPICAL WALL SECTION



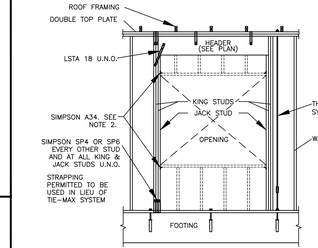
ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION OF TAG

PH-1 PROP. RETROFIT OPENING ON EXIST. FRAME WALL



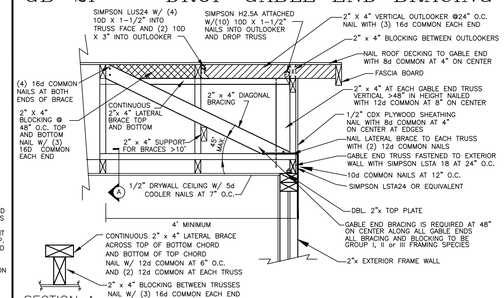
ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION

TYP. 8' FRAMING FOR OPENINGS



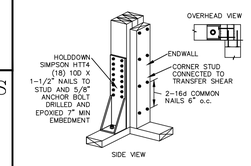
ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION

GB-2F DROP GABLE END BRACING



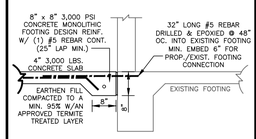
SECTION A

CF-1 CORNER FRAMING DETAIL



ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION

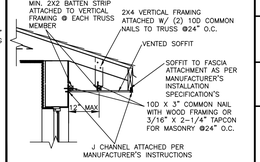
F-5 FOOTING CONNECTION



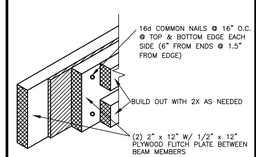
ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION OF TAG

VS-1 VINYL SOFFIT ATTACHMENT DETAIL

NOTE: SOFFITS SPANNING OVER 12" SHALL HAVE INTERMEDIATE SUPPORTS NO MORE THAN 12" O.C.

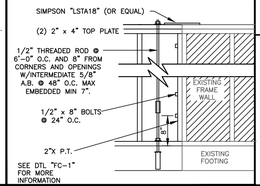


HD-12 HDR. DETAIL



ORIENTATION OF DETAIL MAY VARY DEPENDING ON LOCATION

W-1B TYP. FRAME WALL TO EXISTING FRAME WALL



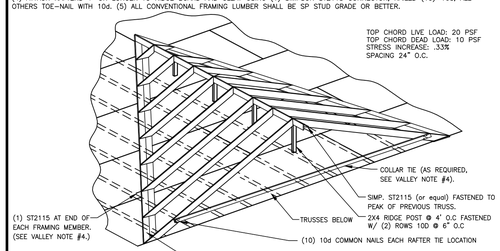
MINIMUM NUMBER OF STUDS AT LOAD BEARING AND WIND EXPOSED WALLS*

OPENING WIDTH (FT.)	NUMBER OF JACK STUDS 2x4 / 2x6	NUMBER OF KING STUDS 2x4 & 2x6
<3	1/1	1
3	1/1	2
4	1/1	2
5	2/1	2
6	2/2	2
8	2/2	3
10	2/2	4
12	2/2	4
14	3/2	5
16	3/2	6
18	3/2	6

NOTE: MINIMUM NUMBER OF STUDS LISTED IN TABLE SHALL APPLY TO ALL WIND EXPOSED OPENINGS, LOAD BEARING, UNLESS NOTED OTHERWISE. SEE PLANS FOR ADDITIONAL STUD REQUIREMENTS.
*MAX WALL HEIGHT 8'-0"
** NUMBER OF STUDS BASED ON WFCM 2018 TABLES 3.22F, 3.23C, 3.23D & 3.24C.
NOTES:
1. STRAP TOP-PLATE TO HEADER W/SIMPSON SP4 WHERE HEADER IS GREATER THAN 4' IN LENGTH, UNLESS NOTED OTHERWISE.
2. A34 REQUIRED AT JAMBS FOR OPENINGS GREATER THAN 6'

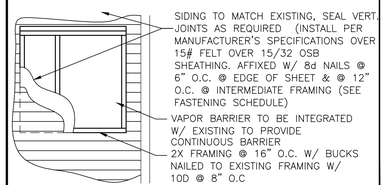
VF-1 VALLEY FRAMING DETAIL

NOTES:
(1) RAFTERS TO BE 2x4 SPACED 24" O.C. UP TO 7'-4", USE 2x6 UP TO 11' LENGTH.
(2) RAFTER LENGTHS (FROM RIDGE TO CLEAT) OVER 12'-0" TO HAVE (2x4) COLLAR TIE, RAFTER OR KICKER, AT 1/10 RAFTER SPAN (UP TO 22'-0" MAX RAFTER LENGTH).
(3) RIDGE BOARD SHALL BE 2x6 MIN. FOR 2X4 RAFTERS, & 2X8 MIN. FOR 2X6 RAFTERS.
(4) ATTACH RAFTERS 4' OR LONGER TO RIDGE BOARD AND CLEAT USING (1) SIMPSON ST2115 CONNECTOR, NAILED (10)-16d, ALL OTHERS TOE-NAIL WITH 10d. (5) ALL CONVENTIONAL FRAMING LUMBER SHALL BE SP STUD GRADE OR BETTER.



(2-2x4) CLEAT UNDER VALLEY FRAMING ANCHOR TO EACH TRUSS BELOW WITH (4) 10d NAILS FOR VALLEY RAFTERS UNDER 6' AND LESS. OVER 6' USE SIMPSON ST2115. IF CLEAT IS OVER SHEATHING AND VALLEY RAFTER IS OVER 6', USE (1) 3/8" x 4" LAG SCREW WITH 1" WASHER PER CLEAT, OR CUT SLOT AND BEND SIMPSON MSTA12 (OR EQU/BETTER) AROUND TRUSS BELOW, SPACED (3) TRUSSES MAXIMUM.

FI-1 FRAME IN-FILL OF EXISTING OPENING



NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANNA WAY
LAKE CITY, FL 32024

P.I.D.:#34-3S-16-02474-005

DESIGNED D.D. | CHECKED D.D.

JENKINS RESIDENCE

CONSTRUCTION NOTES/DETAIL

K & K DRAFTING AND DESIGN
15872 SE 62ND TERRACE SUMMERFIELD FL 34491
PHONE: 352-817-6761 EMAIL: JBKRAUSE@KANDKDRAFTING.COM

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM

DARRELL A. O'KAIN LICENSE No. 77580 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:35-04'00'

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SHEET NO.

9

TYPICAL FASTENING SCHEDULE

FBCB TABLE 2304.10.1

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	4–8d box (2–1/2" X 0.113"); or 3–8d common (2–1/2" X 0.131"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2–8d common (2–1/2" X 0.131"); or 2–3" X 0.131" nails; or 2–3" 14 gage staples	Each end, toenail
	2–16d common (3–1/2" X 0.162"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples	Each end
Flat blocking to truss and web filler	16d common (3–1/2" X 0.162") @ 6" o.c.; or 3" X 0.131" nails @ 6" o.c.; or 3" 14 gage staples @ 6" o.c.	Face end
2. Ceiling joists to top plate	4–8d box (2–1/2" X 0.113"); or 3–8d common (2–1/2" X 0.131"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust) [see section 2301.2]	3–16d common (3–1/2" X 0.162"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) [see Section 2301.2]	Per Section 2301.2	Face nail
5. Collar tie to rafter	3–10d common (3" X 0.148"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (see Section 2301.2)	3–10d common nails (3" X 0.148"); or 3–16d box (3–1/2" X 0.135"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	2 toenails on one side and 1 toenail on opposite side of rafter or truss[c]
7. Roof rafters to ridge, valley or hip rafters; or roof rafter to 2–inch ridge beam	2–16d common (3–1/2" X 0.162"); or 3–16d box (3–1/2" X 0.135"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown; or	End nail
	3–10d common (3" X 0.148"); or 4–16d box (3–1/2" X 0.135"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	Toenail
Wall		
8. Stud to stud (not at braced wall panels)	16d common (3–1/2" X 0.162")	24" o.c. face nail
	10d box (3" X 0.128"); or 3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	16" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3–1/2" X 0.162");	16" o.c. face nail
	16d box (3–1/2" X 0.135"); or 3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	12" o.c. face nail
10. Built–up header (2" to 2" header)	16d common (3–1/2" X 0.162")	16" o.c. each edge, face nail
	16d box (3–1/2" X 0.135")	12" o.c. each edge, face nail
11. Continuous header to stud	4–8d common (2–1/2" X 0.131"); or 4–10d box (3" X 0.128"); or 5–8d box (2–1/2" X 0.113")	Toenail
12. Top plate to top plate	16d common (3–1/2" X 0.162"); or	16" o.c. face nail
	10d box (3" X 0.128"); or 3" X 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
13. Top plate to top plate, at end joints	8–16d common (3–1/2" X 0.162"); or 12–16d box (3–1/2" X 0.135"); or 12–10d box (3" X 0.128"); or 12–3" X 0.131" nails; or 12–3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	16d common (3–1/2" X 0.162")	16" o.c. face nail
	16d box (3–1/2" X 0.135"); or 3" X 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
15. Bottom plate to joist, rim joist, band joist or blocking at braced wall panels	2–16d common (3–1/2" X 0.162"); or 3–16d box (3–1/2" X 0.135"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	16" o.c. face nail
16. Stud to top or bottom plate	3–16d box (3–1/2" X 0.135"); or 4–8d common (2–1/2" X 0.131"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–8d box (2–1/2" X 0.113"); or 4–3" 14 gage staples, 7/16" crown	Toenail
	2–16d common (3–1/2" X 0.162"); or 3–16d box (3–1/2" X 0.135"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	End nail
17. Reserved		
18. Top plates, laps at corners and intersections	2–16d common (3–1/2" X 0.162"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	Face nail
19. 1" brace to each stud and plate	3–8d box (2–1/2" X 0.113"); or 2–8d common (2–1/2" X 0.131"); or 2–10d box (3" X 0.128"); or 2–3" X 0.131" nails; or 2–3" 14 gage staples, 7/16" crown	Face nail
20. 1" × 6" sheathing to each bearing	3–8d box (2–1/2" X 0.113"); or 2–8d common (2–1/2" X 0.131"); or 2–10d box (3" X 0.128"); or 2–1 3/4" 16 gage staples, 1" crown	Face nail
21. 1" × 8" and wider sheathing to each bearing	3–8d common (2–1/2" X 0.131"); or 3–8d box (2–1/2" X 0.113"); or 2–10d box (3" X 0.128"); or 3–1 3/4" 16 gage staples, 1" crown	Face nail
	3–8d common (2–1/2" X 0.131"); or 4–8d box (2–1/2" X 0.113"); or 3–10d box (3" X 0.128"); or 3–1 3/4" 16 gage staples, 1" crown	
	Wider than 1" X 8"; 3–8d common (2–1/2" X 0.131"); or 4–8d box (2–1/2" X 0.113"); or 3–10d box (3" X 0.128"); or 4–1 3/4" 16 gage staples, 1" crown	

TYPICAL FASTENING SCHEDULE (CONTINUED)

FBCB TABLE 2304.10.1

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Floor		
22. Joist to sill, top plate or girder	4–8d box (2–1/2" X 0.113"); or 3–8d common (2–1/2" X 0.131"); or floor 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	Toenail
23. Rim joist, band joist, or blocking to top plate, sill or other framing below	4–8d box (2–1/2" X 0.113")	4" o.c., toenail
	8d common (2–1/2" X 0.131"); or 10d box (3" X 0.128"); or 3" X 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
24. 1" × 6" subfloor or less to each joist	3–8d box (2–1/2" X 0.113"); or 2–8d common (2–1/2" X 0.131"); or 3–10d box (3" X 0.128"); or 2–1 3/4" 16 gage staples, 1" crown	Face nail
25. 2" subfloor to joist or girder	3–16d box (3–1/2" X 0.135"); or 2–16d common (3–1/2" X 0.162")	Blind and face nail
26. 2" planks (plank & beam – floor & roof)	3–16d box (3–1/2" X 0.135"); or 2–16d common (3–1/2" X 0.162")	Each bearing, face nail
27. Built–up girders and beams, 2" lumber layers	20d common (4" X 0.192")	32" o.c., face nail at top and bottom staggered on opposite sides
	10d box (3" X 0.128"); or 3" X 0.131" nails; or 3" 14 gage staples, 7/16" crown	24" o.c., face nail at top and bottom staggered on opposite sides
	And: 2–20d box (4" X 0.192"); or 3–10d box (3" X 0.128"); or 3–3" X 0.131" nails; or 3–3" 14 gage staples, 7/16" crown	Ends and at each splice, face nail
28. Ledger strip supporting joists or rafters	3–16d common (3–1/2" X 0.162"); or 4–16d box (3–1/2" X 0.135"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
29. Joist to band joist or rim joist	3–16d common (3–1/2" X 0.162"); or 4–10d box (3" X 0.128"); or 4–3" X 0.131" nails; or 4–3" 14 gage staples, 7/16" crown	End nail
30. Bridging or blocking to joist, rafter or truss	2–8d common (2–1/2" X 0.131"); or 2–10d box (3" X 0.128"); or 2–3" X 0.131" nails; or 2–3" 14 gage staples, 7/16" crown	Each end, toenail

Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing[a]

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING OF FASTENERS: Edges (inches)	SPACING OF FASTENERS: Intermediate supports (inches)
31. 3/8" – 1/2"	6d common or deformed (2" X 0.113"); or 2–3/8" X 0.113" (subfloor and wall)	6	12
	8d common or deformed (2–1/2" X 0.131" x 0.281" head)(roof); or RSRS–01 (2–3/8" X 0.113") nail (roof)[d]	6[e]	6[e]
	1–3/4" 16 gage staple, 7/16" crown (subfloor and wall)	4	8
	2–3/8" X 0.113" X 0.266" head nail (roof)	3[f]	3[f]
	1–3/4" 16 gage staple, 7/16" crown (roof)	3[f]	3[f]
32. 19/32" – 3/4"	8d common (2–1/2" X 0.131"); or deformed (2" X 0.113") (subfloor and wall)	6	12
	8d common or deformed (2–1/2" X 0.131" X 0.281" head)(roof); or RSRS–01 (2–3/8" X 0.113") nail (roof)[d]	6[e]	6[e]
	2–3/8" X 0.113" X 0.266" head nail; or 2" 16 gage staple, 7/16" crown	4	8
33. 7/8" – 1–1/4"	10d common (3" X 0.148"); or deformed (2–1/2" X 0.131" X 0.281" head)	6	12
Other exterior wall sheathing			
34. 1/2" fiberboard sheathing[b]	1–1/2" X 0.120" galvanized roofing nail, (7/16" head diameter); or 1–1/4" 16 gage staple with 7/16" or 1" crown	3	6
35. 25/32" fiberboard sheathing[b]	1–3/4" X 0.120" galvanized roofing nail, (7/16" head diameter); or 1–1/2" 16 gage staple with 7/16" or 1" crown	3	6
Wood structural panels, combination subfloor underlayment to framing			
36. 3/4" and less	8d common (2–1/2" X 0.131"); or deformed (2" X 0.113"); or deformed 2" X 0.120"	6	12
37. 7/8" – 1"	8d common (2–1/2" X 0.131"); or deformed (2–1/2" X 0.131"); or deformed 2–1/2" X 0.120"	6	12
38. 1–1/8" – 1–1/4"	10d common (3" X 0.148"); or deformed (2–1/2" X 0.131"); or deformed 2–1/2" X 0.120"	6	12
Panel siding to framing			
39. 1/2" or less	6d corrosion–resistant siding (1–7/8" X 0.106); or 6d corrosion–resistant casing (2" X 0.099")	6	12
40. 5/8"	8d corrosion–resistant siding (2–3/8" X 0.128); or 8d corrosion–resistant casing (2–1/2" X 0.113")	6	12
Interior paneling			
41. 1/4"	4d casing (1–1/2" X 0.080"); or 4d finish (1–1/2" X 0.072")	6	12
42. 3/8"	6d casing (2" X 0.099"); or 6d finish (Panel supports at 24 inches)	6	12

For SI: 1 inch = 25.4 mm.
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.
d. RSRS–01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1667.
e. Tabulated fastener requirements apply where the ultimate design wind speed is less than 140 mph. For wood structural panel roof sheathing attached to gable end roof framing and to intermediate supports within 48 inches of roof edges and ridges, nails shall be spaced at 4 inches on center where the ultimate design wind speed is greater than 130 mph in Exposure B or greater than 110 mph in Exposure C. Spacing exceeding 6 inches on center at intermediate supports shall be permitted where the fastening is designed per the AWC NDS.
f. Fastening is only permitted where the ultimate design wind speed is less than or equal to 110 mph.
g. Nails and staples are carbon steel meeting the specifications of ASTM F1667. Connections using nails and staples of other materials, such as stainless steel, shall be designed by acceptable engineering practice or approved under Section 104.11.

R903.2 FLASHING

FLASHINGS SHALL BE USED TO SEAL ROOFING SYSTEMS, WHERE THE SYSTEM IS INTERRUPTED OR TERMINATED AND SHALL BE INSTALLED IN A MANNER THAT PREVENTS MOISTURE FROM ENTERING THE WALL AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS AND AT INTERSECTIONS WITH PARAPET WALLS AND OTHER PENETRATIONS THROUGH THE ROOF PLANE.

R903.2.1 LOCATIONS. FLASHINGS SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, WHEREVER THERE IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. WHERE FLASHING IS OF METAL, THE METAL SHALL BE CORROSION RESISTANT WITH A THICKNESS OF NOT LESS THAN PROVIDED IN TABLE R903.2.1 OR IN COMPLIANCE WITH RAS 111.

EXCEPTION: FLASHING IS NOT REQUIRED AT HIP AND RIDGE JUNCTIONS.

TABLE R309.2.1

METAL FLASHING MATERIAL

MATERIAL	GAGE MINIMUM THICKNESS (INCHES)	GAGE	WEIGHT (lbs per sq.ft)
COPPER	0.024	—	1 (16 OZ)
ALUMINUM	0.024	—	—
STAINLESS STEEL	—	28	—
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	26 (ZINC COATED G90)
ALUMINUM ZINC COATED STEEL	0.0179	26 (AZ50 ALUM ZINC)	26 (AZ50 ALUM ZINC)
ZINC ALLOY	0.027	—	—
LEAD	—	2.5 (40 OZ.)	—
PAINTED TERNE	—	—	1.25 (20 OZ.)

FBC R905.1.1.1 UNDERLAYMENT FOR ASPHALT SHINGLES, METAL ROOF PANELS OR SHINGLES, MINERAL SURFACED ROLL ROOFING, SLATE AND SLATE–TYPE SHINGLES, WOOD SHAKES AND WOOD SHINGLES

UNDERLAYMENT FOR ASPHALT SHINGLES, METAL ROOF PANELS OR SHINGLES, MINERAL SURFACED ROLL ROOFING, SLATE AND SLATE–TYPE SHINGLES, WOOD SHAKES AND WOOD SHINGLES SHALL COMPLY WITH ONE OF THE FOLLOWING METHODS:

1. THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF–ADHERING POLYMER–MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 INSTALLED IN ACCORDANCE WITH BOTH THE UNDERLAYMENT MANUFACTURER'S AND ROOF COVERING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DECK MATERIAL, ROOF VENTILATION CONFIGURATION AND CLIMATE EXPOSURE FOR THE ROOF COVERING TO BE INSTALLED.
   EXCEPTIONS:
   1. THIS METHOD IS NOT PERMITTED FOR WOOD SHINGLES OR SHAKES.
   2. AN EXISTING SELF–ADHERING MODIFIED BITUMEN UNDERLAYMENT THAT HAS BEEN PREVIOUSLY INSTALLED OVER THE ROOF DECKING AND, WHERE IT IS REQUIRED, RENAILING OFF THE ROOF SHEATHING IN ACCORDANCE WITH SECTION 706.7.1 OF THE FLORIDA BUILDING CODE, EXISTING BUILDING CAN BE CONFIRMED OR VERIFIED. AN APPROVED UNDERLAYMENT IN ACCORDANCE WITH TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE EXISTING SELF–ADHERED MODIFIED BITUMEN UNDERLAYMENT.
2. A MINIMUM 3 3/4–INCH–WIDE (95 MM) STRIP OF SELF–ADHERING POLYMER–MODIFIED BITUMEN MEMBRANE COMPLYING WITH ASTM D1970 OR SELF–ADHERING FLEXIBLE FLASHING TAPE COMPLYING WITH AAMA 711, LEVEL 3 [FOR EXPOSURE UP TO 176°F (80°C)], INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR THE DECK MATERIAL, SHALL BE APPLIED OVER ALL JOINTS IN THE ROOF DECKING. AN APPROVED UNDERLAYMENT IN ACCORDANCE WITH TABLE R905.1.1.1 FOR THE APPLICABLE ROOF COVERING SHALL BE APPLIED OVER THE ENTIRE ROOF OVER THE MEMBRANE STRIPS.
3. TWO LAYERS OF ASTM D226 TYPE II, ASTM D4869 TYPE III OR TYPE IV OR ASTM D8257 UNDERLAYMENT SHALL BE INSTALLED AS FOLLOWS: APPLY A STRIP OF UNDERLAYMENT FOR THE FIRST COURSE THAT IS HALF THE WIDTH OF A FULL SHEET PARALLEL TO AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY A FULL SHEET OF UNDERLAYMENT, FOR THE SECOND COURSE. APPLY THE THIRD COURSE OF UNDERLAYMENT OVERLAPPING THE SECOND COURSE HALF THE WIDTH OF A FULL SHEET PLUS 2 INCHES (51 MM). OVERLAP ALL SUCCESSIVE COURSES HALF THE WIDTH OF A FULL SHEET PLUS 1 INCH (25 MM). END LAPS SHALL BE 6 INCHES (152 MM) AND SHALL BE OFFSET BY 6 FEET (1829 MM). UNDERLAYMENT SHALL BE ATTACHED TO A NAILABLE DECK WITH CORROSION–RESISTANT FASTENERS WITH A MAXIMUM FASTENER SPACING, MEASURED HORIZONTALLY AND VERTICALLY, OF 12 INCHES (305 MM) O.C. BETWEEN SIDE LAPS, AND ONE ROW AT THE END AND SIDE LAPS FASTENED 6 INCHES (152 MM) O.C. UNDERLAYMENT SHALL BE ATTACHED USING ANNULAR RING OR DEFORMED SHANK NAILS WITH METAL OR PLASTIC CAPS WITH A NOMINAL CAP DIAMETER OF NOT LESS THAN 1 INCH (25 MM). METAL CAPS ARE REQUIRED WHERE THE ULTIMATE DESIGN WIND SPEED, VULT, EQUALS OR EXCEEDS 170 MPH. METAL CAPS SHALL HAVE A THICKNESS OF NOT LESS THAN 32–GAGE SHEET METAL. THE MINIMUM THICKNESS OF THE OUTSIDE EDGE OF PLASTIC CAPS SHALL BE 0.035 INCH (0.889 MM). THE CAP NAIL SHANK SHALL BE NOT LESS THAN 0.083 INCH (2.1082 MM) FOR RING SHANK NAILS. THE CAP NAIL SHANK SHALL HAVE A LENGTH SUFFICIENT TO PENETRATE THROUGH THE ROOF SHEATHING OR NOT LESS THAN 3/4 INCH INTO THE ROOF SHEATHING.
   EXCEPTION:
   USE OF ASTM D8257 UNDERLAYMENT IS NOT PERMITTED FOR WOOD SHINGLES OR SHAKES.

R703 EXTERIOR COVERING

R703.2 WATER–RESISTIVE BARRIER.
NOT FEWER THAN ONE LAYER OF WATER–RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS WITH FLASHING AS INDICATED IN SECTION R703.4, IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER–RESISTIVE BARRIER BEHIND THE EXTERIOR WALL VENEER. THE WATER–RESISTIVE BARRIER MATERIAL SHALL BE CONTINUOUS TO THE TOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE AS DESCRIBED IN SECTION R703.1. WATER–RESISTIVE BARRIER MATERIALS SHALL COMPLY WITH ONE OF THE FOLLOWING:
1. NO. 15 FELT COMPLYING WITH ASTM D226, TYPE 1
2. ASTM E2568, TYPE 1 OR 2
3. ASTM E331 IN ACCORDANCE WITH SECTION R703.1.1
4. OTHER APPROVED MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

NO.15 ASPHALT FELT AND WATER–RESISTIVE BARRIERS COMPLYING WITH ASTM E2556 SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51 MM), AND WHERE JOINTS OCCUR, SHALL BE LAPPED NOT LESS THAN 6 INCHES (152 MM).

R703.5 WOOD, HARDBOARD AND WOOD STRUCTURAL PANEL SIDING.
WOOD, HARDBOARD, AND WOOD STRUCTURAL PANEL SIDING SHALL BE INSTALLED IN ACCORDANCE WITH THIS SECTION AND TABLE R703.3(1). HARDBOARD SIDING SHALL COMPLY WITH CPA/ANSI A135.6.

R703.5.1 VERTICAL WOOD SIDING.
WOOD SIDING APPLIED VERTICALLY SHALL BE NAILED TO HORIZONTAL NAILING STRIPS OR BLOCKING SET NOT MORE THAN 24 INCHES (610 MM) ON CENTER.

R703.5.2 PANEL SIDING.
3/8" (9.5 MM) WOOD STRUCTURAL PANEL SIDING SHALL NOT BE APPLIED DIRECTLY TO STUDS SPACED MORE THAN 16 INCHES (406 MM) ON CENTER WHERE LONG DIMENSION IS PARALLEL TO STUDS. WOOD STRUCTURAL PANEL SIDING 7/16" INCH (11.1 MM) OR THINNER SHALL NOT BE APPLIED DIRECTLY TO STUDS SPACED MORE THAN 24 INCHES (610 MM) ON CENTER. THE STUD SPACING SHALL NOT EXCEED THE PANEL SPAN RATING PROVIDED BY THE MANUFACTURER UNLESS THE PANELS ARE INSTALLED WITH THE FACE GRAIN PERPENDICULAR TO THE STUDS OR OVER SHEATHING APPROVED FOR THAT STUD SPACING.
JOINTS IN WOOD, HARDBOARD OR STRUCTURAL PANEL SIDING SHALL BE MADE AS FOLLOWS UNLESS OTHERWISE APPROVED. VERTICAL JOINTS IN PANEL SIDING SHALL OCCUR OVER FRAMING MEMBERS, UNLESS WOOD OR WOOD STRUCTURAL PANEL SHEATHING IS USED, AND SHALL BE SHIPLAPPED OR COVERED WITH A BATTEN. HORIZONTAL JOINTS IN PANEL SIDING SHALL BE LAPPED NOT LESS THAN 1 INCH (25 MM) OR SHALL BE SHIPLAPPED OR FLASHED WITH Z–FLASHING AND OCCUR OVER SOLID BLOCKING, WOOD OR WOOD STRUCTURAL PANEL SHEATHING.

R703.5.3 HORIZONTAL WOOD SIDING.
HORIZONTAL LAP SIDING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE THERE ARE NO RECOMMENDATIONS THE SIDING SHALL BE LAPPED NOT LESS THAN 1 INCH (25 MM) OR 1/2 INCH (12.7 MM) IF RABBETED, AND SHALL HAVE THE ENDS CAULKED, COVERED WITH A BATTEN OR SEALED AND INSTALLED OVER A STRIP OF FLASHING.

SEE FBC 8TH EDITION 2023 RESIDENTIAL, SECTION R703 FOR EXTERIOR COVERINGS FOR ADDITIONAL INFORMATION

R905.2.8.2 VALLEYS

R905.2.8.2 VALLEYS.
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

1. FOR OPEN VALLEYS (VALLEY LINING EXPOSED) LINED WITH METAL, THE VALLEY LINING SHALL BE NOT LESS THAN 16 INCHES (406 MM) WIDE AND OF ANY OF THE CORROSION–RESISTANT METALS IN TABLE R903.2.1.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL–SURFACED ROLL ROOFING, COMPLYING WITH ASTM D3909 OR ASTM D6380 CLASS M, SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES (457 MM) AND THE TOP LAYER NOT LESS THAN 36 INCHES (914 MM) WIDE.
3. FOR CLOSED VALLEYS (VALLEY COVERED WITH SHINGLES), VALLEY LINING OF ONE PLY OF SMOOTH ROLL ROOFING COMPLYING WITH ASTM D6380 CLASS S AND NOT LESS THAN 36 INCHES WIDE (914 MM) OR VALLEY LINING AS DESCRIBED IN ITEM 1 OR 2 SHALL BE PERMITTED. SELF–ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 AND NOT LESS THAN 36 INCHES (914 MM) WIDE SHALL BE PERMITTED IN LIEU OF THE LINING MATERIAL.

SHEATHING NOTES

UNLESS NOTED OTHERWISE, PANEL SHEATHING SHALL COMPLY WITH THE FOLLOWING:
1. Wood structural panels shall conform to DOC PS 1 or DOC PS 2, or CSA O437 or CSA O325 and have a minimum specific gravity of SG=0.49.
2. Bond Classification shall be Exposure 1 for panels not permanently exposed to weather (e.g. covered by barrier) and Exterior when permanently exposed to outdoor applications.
3. Wall sheathing shall be APA Rated 32/16 with a minimum thickness of 15/32" and attached with 8d nails @ 6" o.c. at edges and 12" o.c. at intermediate framing.
4. Subfloor sheathing shall be T&G APA Rated 48/24 with a minimum thickness of 23/32" and attached with glue and 8d x 2–1/2" deformed nails or #8 x 2–1/2"screws @ 6" at edges and 12" o.c. at intermediate framing.
5. Roof sheathing shall be minimum APA Rated **32/16** with a minimum thickness of **15/32"** attached with RSRS–01 2–3/8x0.113" nails (8d ring shank sinker) @ 6" o.c. at edges and 6" o.c. at intermediate framing. Where roof sheathing thickness is greater than 15/32", fasteners shall be RSRS–03 2–1/2"x0.1.31" nails (8d ring shank common) or RSRS–04 3"x0.120" nails (10d ring shank sinker)
6. Roof panel sheathing shall be staggered with the strength axis spanning across 3 or more supports and panel edge clips (h–clips) between truss supports.

FBCR TABLE R905.1.1.1 UNDERLAYMENT WITH SELF–ADHERING STRIPS OVER ROOF DECKING JOINTS

ROOF COVERING	UNDERLAYMENT TYPE	UNDERLAYMENT ATTACHMENT: ROOF SLOPE 2:12 AND LESS THAN 4:12	UNDERLAYMENT ATTACHMENT: ROOF SLOPE 4:12 AND GREATER
ASPHALT SHINGLES, METAL ROOF PANELS, PHOTOVOLTAIC SHINGLES	ASTM D226 TYPE II ASTM D4869 TYPE III OR IV ASTM D6757, ASTM D8257	APPLY IN ACCORDANCE WITH SECTION R905.1.1.1, ITEM 3.	UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 4 INCHES (51 MM); END LAPS SHALL BE 6 INCHES AND SHALL BE OFFSET BY 6 FEET. UNDERLAYMENT SHALL BE ATTACHED TO A NAILABLE DECK WITH CORROSION–RESISTANT FASTENERS WITH A MAXIMUM FASTENER SPACING MEASURED HORIZONTALLY AND VERTICALLY OF 12 INCHES (305 MM) O.C. BETWEEN SIDE LAPS AND ONE ROW AT THE END AND SIDE LAPS FASTENED 6 INCHES (152 MM) O.C. UNDERLAYMENT SHALL BE ATTACHED USING ANNULAR RING OR DEFORMED SHANK NAILS WITH METAL OR PLASTIC CAPS WITH A NOMINAL CAP DIAMETER OF NOT LESS THAN 1 INCH. METAL CAPS ARE REQUIRED WHERE THE ULTIMATE DESIGN WIND SPEED, VULT, EQUALS OR EXCEEDS 170 MPH. METAL CAPS SHALL HAVE A THICKNESS OF NOT LESS THAN 32–GAGE SHEET METAL. POWER–DRIVEN METAL CAPS SHALL HAVE A MINIMUM THICKNESS OF 0.010 INCH. MINIMUM THICKNESS OF THE OUTSIDE EDGE OF PLASTIC CAPS SHALL BE 0.035 INCH. THE CAP NAIL SHANK SHALL BE NOT LESS THAN 0.083 INCH FOR RING SHANK CAP NAILS. CAP NAIL SHANK SHALL HAVE A LENGTH SUFFICIENT TO PENETRATE THROUGH THE ROOF SHEATHING OR NOT LESS THAN 3/4 INCH INTO THE ROOF SHEATHING.
METAL ROOF SHINGLES, MINERAL–SURFACE ROLL ROOFING, SLATE AND SLATE–TYPE SHINGLES	ASTM D226 TYPE II ASTM D4869 TYPE III OR IV ASTM D8257		
WOOD SHINGLES, WOOD SHAKES	ASTM D226 TYPE II ASTM D4869 TYPE III OR IV		

TABLE R703.3(1) SIDING MINIMUM ATTACHMENT AND MINIMUM THICKNESS

SIDING MATERIAL		NOMINAL THICKNESS (inches)	JOINT TREATMENT	TYPE OF SUPPORTS FOR THE SIDING MATERIAL AND FASTENERS: Wood or wood structural sheathing into stud	Fiberboard sheathing into stud	Gypsum sheathing into stud	Foam plastic sheathing into stud[l]	Direct to studs	Number or spacing of fasteners
Anchored veneer: brick, concrete, masonry or stone (see Section R703.8)		2	Section R703.8	Section R703.8					
Adhered veneer: concrete, stone or masonry (see Section R703.12)		–	Section R703.12	Section R703.12					
Fiber cement siding	Panel siding (see Section R703.10.1)	5/16	Section R703.10.1	6d common (2" X 0.113")	6d common (2" X 0.113")	6d common (2" X 0.113")	6d common (2" X 0.113")	4d common (1–1/2" X 0.099")	6" panel edges 12" sup.
	Lap siding (see Section R703.10.2)	5/16	Section R703.10.2	6d common (2" X 0.113")	6d common (2" X 0.113")	6d common (2" X 0.113")	6d common (2" X 0.113")	6d common (2" X 0.113") or 11 gage roofing nail	Note f
Hardboard panel siding (see Section R703.5)		7/16	–	0.120" nail (shank) with 0.225" head	0.120" nail (shank) with 0.225" head	0.120" nail (shank) with 0.225" head	0.120" nail (shank) with 0.225" head	0.120" nail (shank) with 0.225" head	6" panel edges 12" inter. sup.[d]
Hardboard lap siding (see Section R703.5)		7/16	Note e	0.099" nail (shank) with 0.240" head	0.099" nail (shank) with 0.240" head	0.099" nail (shank) with 0.240" head	0.099" nail (shank) with 0.240" head	0.099" nail (shank) with 0.240" head	Same as stud spacing 2 per bearing
Horizontal aluminum[a]	Without insulation	0.019[b]	Lap	Siding nail 1–1/2" X 0.120"	Siding nail 2" X 0.120"	Siding nail 2" X 0.120"	Siding nail[h] 1–1/2" X 0.120"	Not allowed	Same as stud spacing
	Without insulation	0.024	Lap	Siding nail 1–1/2" X 0.120"	Siding nail 2" X 0.120"	Siding nail 2" X 0.120"	Siding nail[h] 1–1/2" X 0.120"	Not allowed	
	With insulation	0.019	Lap	Siding nail 1–1/2" X 0.120"	Siding nail 2–1/2" X 0.120"	Siding nail 2–1/2" X 0.120"	Siding nail[h] 1–1/2" X 0.120"	Siding nail 1–1/2" X 0.120"	
Insulated vinyl siding[j]		0.035 (vinyl siding layer only)	Lap	0.120 nail (shank) with a 0.313 head or 16–gage crown[h, i]	0.120 nail (shank) with a 0.313 head or 16–gage crown[h]	0.120 nail (shank) with a 0.313 head or 16–gage crown[h]	0.120 nail (shank) with a 0.313 head Section R703.11.2	Not allowed	16 inches on center or specified by manufacturer instructions, test report or other sections of this code
Polypropylene siding[k]		Not applicable	Lap	Section 703.14.1	Section 703.14.1	Section 703.14.1	Section 703.14.1	Not allowed	As specified by the manufacturer instructions, test report or other sections of this code
Steel[c]		29 ga.	Lap	Siding nail (1–3/4" X 0.113")	Siding nail (2–3/4" X 0.113")	Siding nail (2–1/2" X 0.113")	Siding nail (1–3/4" X 0.113")	Not allowed	Same as stud spacing
Vinyl siding (see Section R703.11)		0.035	Lap	See Section R703.11.					
Wood siding (see Section R703.5)	Wood rustic, drop	3/8 min.	Lap	6d box or siding nail (2" X 0.099")	6d box or siding nail (2" X 0.099")	6d box or siding nail (2" X 0.099")	6d box or siding nail (2" X 0.099")	8d box or siding nail (2–1/2" X 0.113")	Face nailing up to 6" widths, 1 nail per bearing; 8" widths and over, 2 nails per bearing
	Shiplap	19/32 average	Lap						
	Bevel	7/16							
	Butt tip	3/16	Lap						
Wood structural panel ANSI/APA PRP–210 siding (exterior grade) (see Section R703.5)		3/8 – 1/2	Note e	2" X 0.099" siding nail	2–1/2" X 0.113" siding nail	2–1/2" X 0.113" siding nail	2–1/2" X 0.113" siding nail	2" X 0.099" siding nail	6" panel edges 12" inter. sup.
Wood structural panel lap siding (see Section R703.5)		3/8 – 1/2	Note e Note g	2" X 0.099" siding nail	2–1/2" X 0.113" siding nail	2–1/2" X 0.113" siding nail	2–1/2" X 0.113" siding nail	2" X 0.099" siding nail	8" along bottom edge

For SI: 1 inch = 25.4 mm.
a. Aluminum nails shall be used to attach aluminum siding.
b. Aluminum (0.019 inch) shall be unbacked only where the maximum panel width is 10 inches and the maximum flat area is 8 inches. The tolerance for aluminum siding shall be +0.002 inch of the nominal dimension.
c. Shall be of approved type.
d. Where used to resist shear forces, the spacing must be 4 inches at panel edges and 8 inches on interior supports.
e. Vertical end joints shall occur at studs and shall be covered with a joint cover or shall be caulked.
f. Face nailing: one 6d common nail through the overlapping planks at each stud. Concealed nailing: one 11–gage 11/2 –inch–long galv. roofing nail through the top edge of each plank at each stud in accordance with the manufacturer's installation instructions.
g. Vertical joints, if staggered, shall be permitted to be away from studs if applied over wood structural panel sheathing.
h. Minimum fastener length must be sufficient to penetrate sheathing other nailable substrate and framing a total of a minimum of 11/4 inches or in accordance with the manufacturer's installation instructions.
i. Where specified by the manufacturer's instructions and supported by a test report, fasteners are permitted to penetrate into or fully through nailable sheathing or other nailable substrate of minimum thickness specified by the instructions or test report, without penetrating into framing.
j. Insulated vinyl siding shall comply with ASTM D7793.
k. Polypropylene siding shall comply with ASTM D7254.
l. Cladding attachment over foam sheathing shall comply with the additional requirements and limitations of Sections R703.15, R703.16 and R703.17.

NBR	DESCRIPTION	DATE
NA	ISSUE DATE	05/24/2024

CONTRACTOR:
TANNER CONSTRUCTION

CLIENT:
JENKINS MELISSA
211 SW HAVANA WAY
LAKE CITY, FL 32024

P.I.D.:#34-3S-16-02474-005

DESIGNED D.D. CHECKED D.D.

JENKINS RESIDENCE

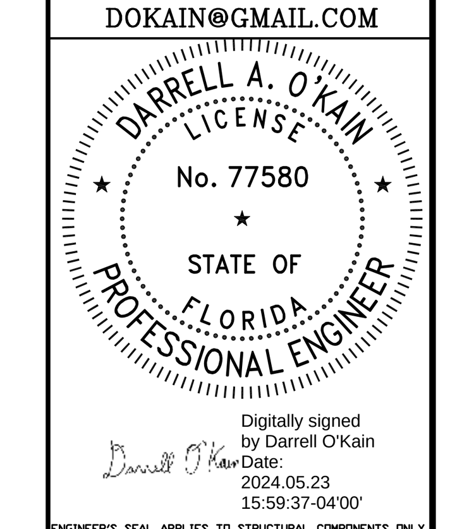
K & K DRAFTING AND DESIGN
15872 SE 92ND TERRACE, SUMMERFIELD FL 34491
PHONE: 352-817-6761 EMAIL: JBKRAUSE@KANDKDRAFTING.COM

CONSTRUCTION NOTES/DETAIL

PROJECT ENGINEER

O.E.I

DARRELL O'KAIN, P.E.(FL)
O'KAIN ENGINEERING, INC.
6426 SW 45TH AVE
OCALA, FL 34474
352-207-7084
DOKAIN@GMAIL.COM



Digitally signed by Darrell O'Kain
Date: 2024.05.23 15:59:37-04'00'

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY.

DARRELL O'KAIN, PE
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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DARRELL O'KAIN, PE ON THE DATE ADJACENT TO THE SEAL.

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10