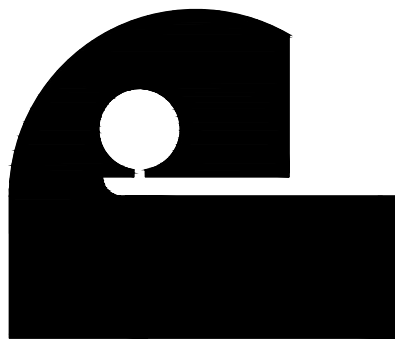




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NEW RESIDENCE FOR:

U.C.M.S. RESIDENCE

9401 S.W. 67th AVENUE - PINECREST, FLORIDA 33156

revisions

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3/28/2025

PRE-FABRICATED WOOD TRUSS NOTES

- THE TRUSS LAYOUTS SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. HOWEVER, THE SUPPORTING SUPERSTRUCTURE HAS BEEN DESIGNED UNDER THE ASSUMPTION THAT THE FRAMING SCHEME SHOWN WILL CLOSELY PARALLEL FINAL TRUSS DESIGNER'S LAYOUT. THIS FRAMING SCHEME (DIRECTION OF TRUSSES, MAJOR G.T. BEARING POINTS, ETC.) CAN BE MODIFIED ONLY AFTER OBTAINING PERMISSION FROM THE ENGINEER OF RECORD WHO MUST REVIEW PROPOSED CHANGES AND AUTHORIZE STRUCTURAL REVISIONS ACCORDINGLY.
- THE TRUSS MANUFACTURER'S DELEGATED ENGINEER SHALL PREPARE THE TRUSS SYSTEM SHOP DRAWINGS AND CALCULATIONS. FINAL SUBMITTALS SHALL BE SIGNED & SEALED BY A FLORIDA REGISTERED ENGINEER AND SUBMITTED TO THIS ENGINEER FOR REVIEW AND APPROVAL PRIOR TO SUBMITTING TO BUILDING DEPT. FOR TRUSS PERMITTING PROCESS.
- TRUSS DESIGNER MUST PROVIDE ALL TRUSS TO TRUSS CONNECTIONS AS PART OF THEIR DESIGN AND SHOP DRAWINGS SUBMITTAL.
- ALL TRUSSES SHALL BE SPACED AT 24" O.C. MAXIMUM AS SHOWN ON THESE DRAWINGS.
- ALL GIRDER TRUSSES SHALL BE A MINIMUM 2 MEMBERS (2-PLY) AS SHOWN ON PLANS & FASTEN W/ 1/2" F1554 THRU-BOLTS @ 16" O.C. MAX. @ MID-DEPTH OR 16d NAILS @ 8" O.C. IN TWO ROWS STAGGERED W/ 1" EDGE DISTANCE (TYP. EA. FACE OF MULTI-PLY MEMBER).
- FOR TRUSSES HAVING AN OVERALL LENGTH OF THE BOTTOM CHORD IN EXCESS OF 35 FEET OR 6 FEET OVERALL HEIGHT, ERECTION SHALL BE SUPERVISED BY THIS ENGINEER, PER FBC CHAPTER 23.
- TEMPORARY BRACING SHALL BE REQUIRED DURING THE ERECTION OF ROOF TRUSSES TO KEEP TRUSSES IN A TRUE, PLUMB POSITION AND TO PREVENT TOPPLING UNTIL THE ROOF SHEATHING IS ATTACHED. THE PROVISIONS FOR TEMPORARY BRACING SHOWN IN TPI/WTCA BCSI 1 SHALL BE USED FOR THIS BRACING REQUIREMENTS.

ROOF SHEATHING NOTES

- ALL ROOFING ACCESSORIES AND MATERIALS SHALL HAVE MIAMI-DADE COUNTY PRODUCT CONTROL APPROVAL AND MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND DIRECTIVES OF THE NOTICE OF ACCEPTANCE (NOA) ISSUED FOR EACH INDIVIDUAL PRODUCT OF THE SYSTEM, PER FBC REQUIREMENTS.
- ROOF SHEATHING SHALL BE A.P.A. RATED, NOT LESS THAN 5/8" (19/32") EXTERIOR GLUE TYPE PLYWOOD SHEATHING AND SHALL HAVE MANUFACTURER'S PRODUCT STAMP CLEARLY VISIBLE. INSTALL SHEATHING IN ACCORDANCE WITH REQUIREMENTS OF FBC SECTION 2322.2. SHEATHING SHALL BE NAILED TO ROOF TRUSSES TO FORM A DIAPHRAGM USING 10d GALV. RING-SHANK NAILS (3"x0.135 MIN. SHANK DIA. AND RING OF 0.012 DIA. OR LARGER) @ 6" O.C. (U.O.N.).
- BLOCKED & UNBLOCKED PLYWOOD DIAPHRAGM SHALL CONSIST OF 5/8" (19/32") STRUCTURAL GRADE 1 PLYWOOD CONTINUOUS OVER TWO OR MORE SPANS, FACE GRAIN PERPENDICULAR TO SUPPORTS, FASTENED WITH 10d GALV. RING-SHANK NAILS, 1 1/2" MIN. PENETRATION IN 2" MIN. NOMINAL FRAMING MEMBERS SPACED AT 4" O.C. AT ROOF DIAPHRAGM BOUNDARY PANELS & AT 6" O.C. AT ALL OTHER PLYWOOD PANEL EDGES AND ALONG INTERMEDIATE FRAMING MEMBERS.

LEGEND

	DENOTES COLUMN SUPPORT BELOW
	DENOTES BEAM/WALL SUPPORT BELOW
	DENOTES ROOF OVERFRAMING
	DENOTES WOOD BLOCKED DIAPHRAGM
	DENOTES TONGUE & GROOVE AT OVERHANGS/CEILING

PLAN NOTES

- DATUM ELEVATION, +0'-0" = +20.16' NGVD, U.O.N. ON PLANS.
- ALL PREFABRICATED WOOD TRUSSES AND RAFTERS SHALL BE SPACED AT 24" O.C. MAX.
- REFER TO ROOF ANCHOR & CONNECTOR SCHEDULE ON THIS SHEET FOR TRUSS CONNECTORS USED FOR THE ROOF FRAMING CONNECTIONS TO SUPPORTING WALLS, COLUMNS & BEAMS.
- ALL ANCHORS, CONNECTORS & FASTENERS USED TO SECURE THE ROOF FRAMING TO CONCRETE SHALL BE GALVANIZED.
- PROVIDE BUILDING PAPER BETWEEN WOOD MEMBERS & CONCRETE/CMU BEAMS/WALLS (TYP.)
- PROVIDE 2x4 CONTINUOUS HORIZONTAL WOOD BOTTOM CHORD BRACING SPACED AT 8'-0" MAX & FASTEN W/ (2)-16d NAILS AT EACH POINT OF CONTACT. REFER TO TRUSS MANUF. SHOP DRAWINGS AND CALCULATIONS FOR ADDITIONAL CHORD AND WEB BRACING. REFER TO DETAIL E/S-6.2.
- PROVIDE 2x6 VERTICAL CROSS BRACING (XB) AT 20'-0" ALONG HORIZONTAL BOTTOM CHORD BRACING, NAILED TO TRUSSES W/ (2) 16d NAILS @ EACH POINT OF CONTACT OR AS SHOWN ON PLAN. REFER TO DETAIL B/S-6.2.
- COORDINATE ALL VAULTED CEILINGS & ATTIC ACCESS OPENING W/ ARCHITECTURAL DRAWINGS.

ROOF FRAMING PLAN

SCALE : 3/16" = 1'-0"

ROOF FRAMING TAG LEGEND

- T-# DENOTES A STANDARD TRUSS
- J-# DENOTES A JACK TRUSS
- H-# DENOTES A HIP TRUSS
- GT-# DENOTES A GIRDER TRUSS
- XB DENOTES DIAGONAL X-BRACING

CONNECTOR NUMBER SEE SCHEDULE	U=1234 G=1234	WIND UPLIFT REACTION (LBS)	GRAVITY LOADS REACTION (LBS)
NOTE: SERVICE LOADS (ASD)			
ROOF CONNECTOR LEGEND			

WOOD CONNECTOR SCHEDULE

WOOD CONNECTOR SCHEDULE										
ANCHOR LABEL	PRODUCT CODE	MANUFACTURER	ALLOWABLE LOAD (LBS)				FASTENER SCHEDULE		PRODUCT APPROVAL	EXP. DATE
			GRAVITY	UPLIFT	L1	L2	SEAT/BEAM/LEDGER	STRAP/TRUSS/JOIST		
1	NWHTA20	NU-VUE	N/A	2649	1575	2175	(6)-10dX1 1/2" NAILS	(16)-10dX1 1/2" NAILS	18-0312.06	05/22/2023
2	NV358-20	NU-VUE	N/A	3367	2942	2758	(8)-10d NAILS	(16)-10d NAILS	20-0526.05	07/30/2025
3	LSR410	SIMPSON STRONG-TIE	1810	695	N/A	N/A	(20)-16dX2 1/4" NAILS	(13)-16dX2 1/4" NAILS	FL 10865	12/31/2022
4	HETA20	SIMPSON STRONG-TIE	N/A	1810	340	770	4" MIN. EMBEDMENT	(8)-16d NAILS	FL 11473	12/31/2022
5	HUS28	USP	4745	2990	N/A	N/A	(22)-16d NAILS	(8)-16d NAILS	FL 17232.6	10/31/2022
6	HTSM20	SIMPSON STRONG-TIE	N/A	1110	120	90	(4)-1 1/4"x2 1/4" TITEN 2 FASTENER	(10)-10dX1 1/2" NAILS	FL 11473.R4	12/31/2022
7	SPECIAL ANCHOR	CUSTOM SEE CALCULATIONS	N/A	10800	6400	7900	REFER TO DET. H/S-6.2	N/A	N/A	N/A
8	AB7	NU-VUE	573	573	784	N/A	(4)-100X1 1/2" NAILS	(4)-100X1 1/2" NAILS	18-0312.06	5/22/2023
9	SPECIAL ANCHOR	CUSTOM SEE CALCULATIONS	10100	9600	11300	10400	REFER TO DET. H/S-6.2	N/A	N/A	N/A
10	HGM10	SIMPSON STRONG-TIE	N/A	810	875	1105	(4)-1/4"x1 1/2" TITEN 2 CONCRETE SCREW	(4)-1/4"x1 1/2" SDS WOOD SCREW	FL 11473.R4	12/31/2022