

GENERAL NOTES

- 1. CONTRACTOR SHALL COORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER DRAWINGS...
2. IN THE CASE OF INCONSISTENCIES BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, A BIDDER WILL BE DEEMED TO HAVE INCLUDED IN ITS BID THE BETTER QUALITY OR LOCATION OF THE WORK...
3. ALL DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS, AND DETAILS...
4. THE DETAILS PROVIDED ON SHEETS LABELED AS 'TYPICAL DETAILS' APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS...
5. ALL OF THE CONTRACTOR'S PROPOSED SUBSTITUTIONS ARE CONSIDERED CHANGE ORDERS AND SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND/OR APPROVAL PRIOR TO ANY PERTINENT WORK OR FABRICATION...
6. CONSTRUCTION METHODS, PROCEDURES AND SEQUENCES ARE THE CONTRACTOR'S RESPONSIBILITY...
7. ALL STRUCTURAL MEMBERS, AS SHOWN, HAVE BEEN DESIGNED TO CARRY IN PLACE DESIGN LOADS ONLY...
8. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION...
9. HORIZONTAL CONSTRUCTION JOINTS TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.

SHOP DRAWINGS / SUBMITTALS

- 1. SHOP DRAWING SUBMITTAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) AND SHALL FOLLOW INDUSTRY GUIDELINES AND STANDARDS...
2. ALL QUESTIONS, CLARIFICATIONS, OR MODIFICATIONS OF THE CONTRACT DOCUMENTS SHALL BE CLEARLY DOCUMENTED AND INDICATED ON THE SHOP DRAWING TRANSMITTAL OR COVER SHEET...
3. ALL SHOP DRAWINGS ARE TO BE NEWLY PREPARED... REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS FOR REVIEW WILL NOT BE PERMITTED...
4. CONTRACTOR TO REVIEW ALL SHOP DRAWING SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER...
5. CONTRACTOR MAY PROVIDE REVIEWED AND APPROVED SUBMITTALS IN AN ELECTRONIC .PDF FORMAT FOR ENGINEER REVIEW AND APPROVAL...
6. MBA REVIEW OF SHOP DRAWING SUBMITTALS IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS...
7. RE-SUBMITTED SHOP DRAWINGS SHALL HAVE CHANGES AND/OR ADDITIONS CLEARLY INDICATED...
8. CONTRACTOR TO REVIEW ALL SHOP DRAWING SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ENGINEER...
9. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION...
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19. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION...
20. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION...

EQUIPMENT NOTES

- 1. CONTRACTOR SHALL COORDINATE BETWEEN DRAWINGS TO VERIFY ALL EQUIPMENT WEIGHTS, LOCATIONS, AND/OR PENETRATIONS... THIS INFORMATION SHALL BE PROVIDED TO SUBCONTRACTORS...
2. EQUIPMENT LOADS CONSIDERED IN THIS DESIGN ARE SHOWN ON PLANS THUSLY (1400W) THE STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO MODIFY THE DESIGN AS REQUIRED IF FINAL EQUIPMENT WEIGHTS ARE HEAVIER OR THE EQUIPMENT LAYOUT DIFFERS FROM THE APPROXIMATE LAYOUT SHOWN ON THE PLAN...
3. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE...
4. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE...
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9. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE...
10. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE...

SITE AND FOUNDATION

- 1. THE DESIGN OF FOUNDATIONS AND RELATED COMPONENTS IS BASED ON THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY ECS FLORIDA, LLC, PROJECT NO. 24-7423, DATED 08/16/2023...
2. ALLOWABLE SOIL BEARING PRESSURES (PSF): 3000
3. EXCAVATE, WHERE REQUIRED, TO BUILDING AND STRUCTURE SUBGRADE
4. PROOF-ROLL THE AREA UNDER THE BUILDING, PLUS 5'-0" ON ALL SIDES, WITH A LOADED DUMP TRUCK TO LOCATE ANY SOFT AREAS...
5. ACCEPTABLE FILL MATERIAL SHALL BE FREE OF ORGANICS, AND HAVE A P.I. < 1.1 AND A MAXIMUM DRY DENSITY AS REQUIRED BY THE GEOTECHNICAL ENGINEER...
6. FILL WHERE REQUIRED, IS TO BE PLACED IN LIFTS AND COMPACTED PER THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER...
7. THE GEOTECHNICAL ENGINEER SHALL REVIEW THE FINAL FOUNDATION DESIGN TO VERIFY THAT ALL FOUNDATION SYSTEMS, INCLUDING SLAB ON GRADE DESIGN AND DETAILING, COMPLIES WITH THE GEOTECHNICAL PARAMETERS INCLUDED IN THE GEOTECHNICAL REPORT...
8. OWNER SHALL ENGAGE A GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION TO PROVIDE REQUIREMENTS FOR ALL SUBGRADES, FILLS AND BACKFILLS PRIOR TO PLACEMENT OF CONCRETE...
9. THE GEOTECHNICAL ENGINEER IS TO PROVIDE ASSURANCE THAT THE REQUIREMENTS WILL ACHIEVE THE ALLOWABLE SOIL BEARING CAPACITIES NOTED.

CONCRETE

- 1. CONCRETE CONSTRUCTION AND QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH CURRENT ACI STANDARDS...
2. CONCRETE SCHEDULES
ITEM 28 DAY COMPRESSIVE STRENGTH
3. CONCRETE COVER OVER REINFORCING (I.N.O.)
4. CONCRETE AT SLABS ON GRADE SHALL HAVE A NOMINAL MAXIMUM COARSE AGGREGATE SIZE OF 3/4 INCH...
5. ALL REINFORCING SHALL CONFORM TO THE LATEST REVISION OF ASTM SPECIFICATION A615, GRADE 60 AND BE DETAILED IN ACCORDANCE WITH THE LATEST REVISION OF ACI STANDARD 315...
6. ALL WELDED WIRE REINFORCING (W.W.R.) SHALL CONFORM TO ASTM A-185, WELDED WIRE REINFORCING SHALL BE LAPPED A MINIMUM OF 1'-0" AND SHALL BE FURNISHED IN SHEETS ONLY (NO ROLLS)...
7. NO REINFORCING BAR SHALL BE WELDED IN ANY MANNER, UNLESS SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS...
8. GRADE BEAM, ELEVATED BEAM, AND ELEVATED SLAB REINFORCING BARS SHALL BE SPLICED ONLY AS SHOWN ON THE DRAWINGS...
9. COLUMN AND WALL VERTICAL REINFORCING BARS SHALL BE LAPPED WITH A CLASS 'B' SPLICE...
10. PROVIDE FULL EMBEDMENT FOR ALL DOWELS...
11. PROVIDE FULL EMBEDMENT FOR ALL DOWELS...
12. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...
13. CONSTRUCTION JOINTS IN CONCRETE BEAMS AND SLABS SHALL BE AT OR NEAR MIDSPAN...
14. CONDUIT, PIPES, AND SLEEVES SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTER...
15. PIPING AND CONDUIT SHALL BE SO FABRICATED AND INSTALLED THAT CUTTING, BENDING, OR DISPLACEMENT OF REINFORCEMENT FROM ITS PROPER LOCATION WILL NOT BE REQUIRED...
16. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...
17. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...
18. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...
19. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...
20. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS...

TENSION LAP SPLICE LENGTH

Table with columns: BAR SIZE, TOP BARS, OTHERS BARS. Rows include #3, #4, #5, #6, #7, #8, #9, #10, #11.

POST-INSTALLED ANCHORS

- 1. ANCHOR CAPACITY USED IN DESIGN IS BASED UPON THE TECHNICAL DATA PUBLISHED BY THE MANUFACTURER...
2. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE...
3. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS...
4. UNLESS NOTED OTHERWISE, ALL ANCHORS TO BE INSTALLED WITH AN EMBEDMENT DEPTH EQUAL TO OR GREATER THAN MANUFACTURER STANDARD EMBEDMENT...
5. UNLESS SPECIFICALLY NOTED ON THE DRAWINGS, APPROVED ANCHORS ARE AS FOLLOWS:
A. ANCHORAGE TO CONCRETE
1. ADHESIVE ANCHORS FOR CONCRETE USE
a. SIMPSON STRONG-TIE AT-3G ADHESIVE ANCHORING SYSTEM WITH THREADED RODS (ICC-ES ESR-5026)
b. HILTI HIT-HY 200 V3 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH THREADED ROD (ICC-ES ESR-4868)
c. HILTI HIT-RE 900-S0 V3 EPOXY ADHESIVE ANCHORING SYSTEM WITH HAS-E THREADED ROD (ICC-ES ESR-3814) FOR SLOW CURE APPLICATIONS.
2. MECHANICAL ANCHORS FOR CONCRETE USE
a. SIMPSON STRONG-TIE TITEN-HD (ICC-ES ESR-2713)
b. SIMPSON STRONG-TIE STRONG-BOLT 2 (ICC-ES ESR-3037)
c. HILTI KWIK HUS-EZ AND KWIK HUS EZ2 SCREW ANCHORS (ICC-ES ESR-3027)
d. HILTI KWIK BOLT-TZ2 EXPANSION ANCHORS (ICC-ES ESR-3814)
B. REBAR DOWELING INTO CONCRETE
1. ADHESIVE ANCHORS FOR CONCRETE USE
a. SIMPSON STRONG-TIE SET-3G ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-4057)
b. HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-4868)
c. SIMPSON STRONG-TIE AT-3G ADHESIVE ANCHORING SYSTEM W/ CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-5026)
d. HILTI HIT-RE 900-S0 V3 EPOXY ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-3814)
C. ANCHORAGE TO MASONRY
1. ADHESIVE ANCHORS USE:
a. SIMPSON STRONG-TIE SET-3G ADHESIVE ANCHORING SYSTEM WITH THREADED ROD OR REBAR (ICC-ES ESR-4864)
b. HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM PER ICC ESR-1443. STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E CONTINUOUSLY THREADED ROD OR CONTINUED STEEL REBAR.
2. MECHANICAL ANCHORS USE:
a. SIMPSON STRONG-TIE TITEN-HD (ICC-ES ESR-1056)
b. SIMPSON STRONG-TIE STRONG-BOLT 2 (APMO-UES ER-240)
c. HILTI KWIK HUS-EZ SCREW ANCHOR (ICC-ES ESR-3056)
d. HILTI KWIK BOLT-TZ2 EXPANSION ANCHORS (ICC-ES ESR-4266).

STRUCTURAL STEEL

- 1. DESIGN, CONSTRUCTION, QUALITY ASSURANCE, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH CURRENT ASSC STANDARDS...
2. ALL STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992
3. ALL STRUCTURAL STEEL PLATES, ANGLES AND CHANNELS SHALL CONFORM TO ASTM A36.
4. ALL STRUCTURAL STEEL SQUARE, RECTANGULAR AND ROUND HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE B.
5. ALL STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE B OR S, GRADE B.
6. FABRICATION AND ERECTION SHALL CONFORM TO ASSC CODE OF STANDARD PRACTICE.
7. ALL WELDING SHALL CONFORM TO AWS STANDARDS. THICKNESS OF WELDS ARE AS SHOWN, SPECIFIED OR REQUIRED.
8. ALL BOLTED CONNECTIONS SHALL BE MINIMUM 3/4" DIAMETER, A325 HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE.

ALUMINUM CANOPIES

- 1. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF ALUMINUM ROOF CANOPIES SHALL BE IN ACCORDANCE WITH THE REFERENCED DESIGN STANDARDS IN THE PROJECT BUILDING CODE...
2. A SUBMITTAL PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION...
3. FABRICATION AND ERECTION SHALL CONFORM TO ASSC CODE OF STANDARD PRACTICE...
4. THE ALUMINUM CANOPIES SHALL BE DESIGNED FOR ALL SITE SPECIFIC DESIGN CRITERIA INCLUDING, BUT NOT LIMITED TO, LIVE LOAD, WIND LOAD, AND SNOW LOAD...
5. A SEPARATION MATERIAL SHALL BE USED TO BETWEEN THE ALUMINUM CANOPIES AND ANY DISSIMILAR METAL TO PREVENT GALVANIC CORROSION...
6. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF ALUMINUM ROOF CANOPIES SHALL BE IN ACCORDANCE WITH THE REFERENCED DESIGN STANDARDS IN THE PROJECT BUILDING CODE...
7. A SUBMITTAL PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION...
8. FABRICATION AND ERECTION SHALL CONFORM TO ASSC CODE OF STANDARD PRACTICE...
9. THE ALUMINUM CANOPIES SHALL BE DESIGNED FOR ALL SITE SPECIFIC DESIGN CRITERIA INCLUDING, BUT NOT LIMITED TO, LIVE LOAD, WIND LOAD, AND SNOW LOAD...
10. A SEPARATION MATERIAL SHALL BE USED TO BETWEEN THE ALUMINUM CANOPIES AND ANY DISSIMILAR METAL TO PREVENT GALVANIC CORROSION...
11. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF ALUMINUM ROOF CANOPIES SHALL BE IN ACCORDANCE WITH THE REFERENCED DESIGN STANDARDS IN THE PROJECT BUILDING CODE...
12. A SUBMITTAL PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION...
13. FABRICATION AND ERECTION SHALL CONFORM TO ASSC CODE OF STANDARD PRACTICE...
14. THE ALUMINUM CANOPIES SHALL BE DESIGNED FOR ALL SITE SPECIFIC DESIGN CRITERIA INCLUDING, BUT NOT LIMITED TO, LIVE LOAD, WIND LOAD, AND SNOW LOAD...
15. A SEPARATION MATERIAL SHALL BE USED TO BETWEEN THE ALUMINUM CANOPIES AND ANY DISSIMILAR METAL TO PREVENT GALVANIC CORROSION...

WOOD CONSTRUCTION

- 1. ALL STRUCTURAL WOOD FRAMING MEMBERS TO BE AS FOLLOWS:
A. LOAD-BEARING WALL STUDS: NO. 2 SOUTHERN PINE OR NO. 2 SPRUCE PINE FIR
B. ALL OTHER WALL STUDS: TREATED LUMBER
C. ALL OTHER SAWN LUMBER MEMBERS: NO. 2 SOUTHERN PINE
D. GLULAM: 24F-V8
E. JOISTS: TJI BY Weyerhaeuser
F. ENGINEERED LUMBER: SEE TABLE BELOW.
MINIMUM DESIGN PROPERTIES OF ENGINEERED LUMBER (psi)
BEAMS
Fb Fv E
LAMINATED STRAND LUMBER (LSL) 2325 310 1.5x10^9
LAMINATED VENEER LUMBER (LVL) 2600 285 2.0x10^9
PARALLEL STRAND LUMBER (PSL) 2900 290 2.0x10^9
COLUMNS
Fca Fv E
PARALLEL STRAND LUMBER (PSL) 2500 190 1.8x10^9
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE JOIST FRAMING THAT INCLUDES LAYOUT PLANS AND MATERIALS...
3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE JOIST FRAMING THAT INCLUDES LAYOUT PLANS AND MATERIALS...
4. ALL LUMBER, INCLUDING PRESERVATIVE AND FIRE-RETARDANT TREATED LUMBER, SHALL BE KILN DRIED TO A MAXIMUM MOISTURE CONTENT OF 19%...
5. CUT ENDS OF ALL TREATED LUMBER SHALL BE FIELD TREATED IN ACCORDANCE WITH THE TREATMENT MANUFACTURERS INSTRUCTIONS AND ANPA STANDARD M4...
6. ALL WOOD FRAMING CONNECTIONS TO COMPLY WITH TABLE 2304.10.1-FASTENING SCHEDULE' OF THE INTERNATIONAL BUILDING CODE...
7. ALL FASTENERS FOR USE WITH PRESERVATIVE TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL...
8. MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH MINIMUM COATING WEIGHTS IN ACCORDANCE WITH ASTM B 686, CLASS 55...
9. PREFABRICATED METAL CONNECTORS SHOWN IN DOCUMENTS ARE SIMPSON STRONG-TIE CONNECTORS...
10. SAWN LUMBER JOISTS/RAFTERS AND SINGLE-PLY BEAMS WITH A NOMINAL DEPTH EQUAL TO OR GREATER THAN 10 INCHES SHALL BE LATERALLY BRACED AT MAXIMUM INTERVALS OF 8'-0" AND AT MEMBER ENDS BY SOLID BRIDGING OR TRANSVERSING...
11. FLOOR SHEATHING: NOMINAL 3/4" THICK APA RATED SHEATHING WITH TONGUE & GROOVE EDGES AND A 4824 SPAN RATING...
12. INTERMEDIATE SUPPORTS: NOMINAL 5/8" THICK APA RATED SHEATHING EXPOSURE 1 WITH A 4020 SPAN RATING...
13. WALL SHEATHING: NOMINAL 1/2" THICK APA RATED SHEATHING EXPOSURE 1 WITH A 3/8" SPAN RATING...
14. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...
15. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS...
16. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...
17. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS...
18. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...
19. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS...
20. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...

CONNECTOR FASTENER SCHEDULE

Table with columns: HANGERS, JOIST. Rows include LUS26, LUS210.

STRAPS AND TIES

Table with columns: TO RAFTER/TRUSS, TO PLATES. Row includes H2.5A.

- 17. WALL SHEATHING: NOMINAL 1/2" THICK APA RATED SHEATHING EXPOSURE 1 WITH A 3/8" SPAN RATING...
18. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...
19. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS...
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29. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS...
30. THE HOLLOW ANCHOR ROD SYSTEM USED AT ANCHOR ROD SYSTEM ARE A DELEGATED DESIGN...

WOOD FRAMING SHRINKAGE

- 1. G.C. SHALL REVIEW BUILDING MATERIALS, PLUMBING, MECHANICAL, ELECTRICAL, AND OTHER SYSTEMS TO BE INSTALLED TO UNDERSTAND AND ACCOMMODATE MOVEMENT AND/OR DIFFERENTIAL MOVEMENT CAUSED BY SHRINKAGE OF THE WOOD FRAMING...
2. THE APPROXIMATE TOTAL SHRINKAGE OF THE WOOD STRUCTURE IS 30.8 INCHES AT THE TOP LEVEL.

PRE-FABRICATED WOOD TRUSSES

- 1. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE CURRENT 'NATIONAL DESIGN STANDARD FOR METAL-PLATE-CONNECTED WOOD TRUSS CONSTRUCTION' (TP11) BY THE TRUSS PLATE INSTITUTE...
2. A TRUSS SUBMITTAL PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION...
3. EACH INDIVIDUAL TRUSS DESIGN DRAWING, THE TRUSS PLACEMENT DIAGRAM, THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT BRACING METHOD AND DETAILS, AND ANY OTHER STRUCTURAL DETAILS GERMANE TO THE TRUSS DESIGN SHALL BE REVIEWED AND SHALL BEAR THE SEAL AND SIGNATURE OF THE TRUSS DESIGNER WHO SHALL BE REGISTERED IN THE STATE OF FLORIDA...
4. TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS MANUFACTURER FOR THE DESIGN LOADS...
5. ALL TEMPORARY AND PERMANENT BRACING MEMBERS AND CONNECTIONS REQUIRED FOR TRUSSES SHALL BE DESIGNED AND DETAI BY THE WOOD TRUSS DESIGNER...
6. TRUSS DESIGNER SHALL VERIFY THAT ALL EQUIPMENT WEIGHTS, CONCENTRATED LOADS, AND LOCATIONS ARE PROVIDED BY THE GENERAL CONTRACTOR...
7. MECHANICAL DUCT OPENINGS IN TRUSSES SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ACCOMMODATE THE DUCT LOCATION AND SIZE WITH INSULATION...
8. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS:
ROOF TOP CHORD DEAD LOAD----- 10 PSF
ROOF TOP CHORD LIVE LOAD----- 20 PSF
ROOF BOTTOM CHORD DEAD LOAD----- 10 PSF
ROOF BOTTOM CHORD LIVE LOAD----- 20 PSF

SPECIAL INSPECTIONS

- 1. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE W/ SECTION 110.8.4.4 OF FBCS AND CHAPTER 633, FLORIDA STATUTES...
2. THE OWNER SHALL EMPLOY A QUALIFIED TESTING AGENT/ENGINEER TO PROVIDE SPECIAL INSPECTIONS...
3. CONTRACTOR NOTE THAT THIS BUILDING QUALIFIES AS A THRESHOLD BUILDING PER THE FLORIDA BUILDING CODE 8TH EDITION 2023 AND SHALL MEET ALL APPLICABLE REQUIREMENTS, INCLUDING THE REQUIREMENTS OF SECTION 110.8.

DELEGATED DESIGN SUBMITTALS

- 1. THE FOLLOWING DELEGATED DESIGN SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING OFFICIAL FOR APPROVAL...
- ALUMINUM CANOPIES
- PRE-FABRICATED WOOD TRUSSES
- NET ROOF UPLIFT RESISTING SYSTEM
- HOLD DOWN ANCHOR ROD SYSTEM

brr ARCHITECT OF RECORD: CAROL ANN BARTOLO SUITE 300 OCEANLAND PARK, FL 33904

MBA FLORIDA REGISTERED ENGINEERING FIRM DBPR: 36163

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Table with columns: NO., DATE, DESCRIPTION. Rows include 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

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PROJECT NAME: STUDIORES PROJECT ADDRESS: 1833 GARNETT LANE SANFORD, FL 32771

STUDIORES logo

PROJECT MANAGER: JAW CHECKED BY: JAW DRAWN BY: AP DOCUMENT DATE: 11/03/25 PROJECT NO: 31000780 PROJECT PHASE:

CONSTRUCTION DOCUMENTS PROFESSIONAL SEAL: I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA. EXPIRES 11/03/25. NO. 200641.

Digitally signed by Jason A. Partain Date: 2025.11.03 15:36:56-06'00'

This item has been digitally signed and sealed by Jason A. Partain 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.

GENERAL NOTES SHEET NO: S001























