

GENERAL STRUCTURAL NOTES

SCOPE OF WORK

- 1. WORK DETAILED ON THE DRAWINGS AND APPLICABLE ITEMS DESCRIBED IN THE GENERAL STRUCTURAL NOTES.

DRAWINGS AND SPECIFICATIONS

- 1. DO NOT SCALE DRAWINGS FOR DIMENSIONS NOT GIVEN.
2. ADVISE ENGINEER OF DIMENSIONAL DISCREPANCIES.
3. VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.

CONSTRUCTION SAFETY

- 1. THESE DRAWINGS DO NOT INCLUDE PROVISIONS TO SATISFY SAFETY REQUIREMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING SAFETY DURING CONSTRUCTION AND FOR CONFORMANCE TO ALL APPLICABLE OSHA STANDARDS AND OTHER APPLICABLE CODES. JOBSITE VISITS BY ENGINEER SHALL NOT CONSTITUTE APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

SHORING AND SUPPORT

- 1. WHEN REMOVAL OF STRUCTURAL ELEMENTS FOR MODIFICATIONS MAY CAUSE TEMPORARY WEAKNESS, EXCESSIVE DEFLECTIONS OR STRUCTURAL INSTABILITY, SHORING OR OTHER SUITABLE SUPPORTS SHALL BE PROVIDED UNTIL COMPLETION AND ADEQUATE CURING OF MODIFICATIONS.
2. THE CONTRACTOR SHALL SUBMIT CUT SHEETS WITH CERTIFIED CAPACITIES FOR SHORING TO BE USED. SHORING PLANS SHALL BE PREPARED, SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA.

VALUE ENGINEERING

- 1. ANY CHANGES TO THE STRUCTURE OR DESIGN SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.

FIELD MODIFICATIONS

- 1. ANY CHANGES TO THE STRUCTURE SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
2. ANY CHANGES MADE WITHOUT PRIOR APPROVAL ARE SUBJECT TO REVIEW BY THE ENGINEER. CONTRACTOR SHALL PROVIDE SKETCHES, PHOTOGRAPHS AND WRITTEN DESCRIPTION OF EACH DEVIATION FROM THE PLANS FOR THE ENGINEER'S REVIEW.

BUILDING CODES AND SPECIFICATIONS

- 1. FLORIDA BUILDING CODE 5TH EDITION (2014).
2. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ASCE 7-10.
3. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530-11 / ASCE 5-11 / TMS 402-11.
4. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318-11.
5. NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION ANSI / TPI 1 - 2014.
6. AF & PA'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2012.

DESIGN LOADS

- 1. DEAD LOADS
A. TABLE C3-1: MINIMUM DESIGN LOADS, ASCE 7-10
2. LIVE LOADS
A. ROOF20 PSF
B. FLOOR/SIDEWALK100PSF
3. WIND LOAD
A. ULTIMATE DESIGN WIND SPEED148 MPH (3 SECOND GUST)
B. NOMINAL DESIGN WIND SPEED115 MPH (3 SECOND GUST)
C. EXPOSURE CATEGORYC
D. ASCE 7 BUILDING RISK CATEGORYIV
E. ENCLOSED BUILDING

- 4. COMPONENTS AND CLADDING
A. SPECIALTY ENGINEER DESIGNING THE COMPONENTS AND CLADDING SHOULD DETERMINE THE TRIBUTARY AREA FOR SUCH COMPONENTS AND CLADDING AND USE THE TABLE FOR THE AREA EQUAL TO OR SMALLER THAN THE ACTUAL TRIBUTARY AREA.
B. COMPONENTS AND CLADDING SUB-CONTRACTOR SHALL PROVIDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. DOCUMENTATION SHALL INCLUDE THE DESIGN OF THE COMPONENTS AND CLADDING, AND CONNECTIONS TO THE MAIN STRUCTURE.

Table 5: ROOF COMPONENTS AND CLADDING PITCHED ROOF AREA (7° < α ≤ 27°). Includes pressure and suction coefficients for wind zones 1, 2, and 3.

Table 6: OVERHANG COMPONENTS OF CLADDING. Includes suction coefficients for wind zones 2 and 3.

*WIND LOADS BASED ON LRFD VALUES OF ASCE 7-10

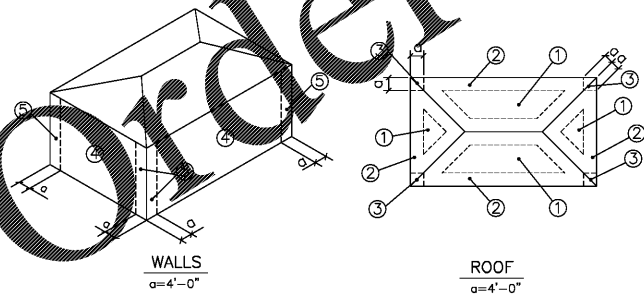


Table 6: ROOF COMPONENTS AND CLADDING PITCHED ROOF AREA (7° < α ≤ 27°). Includes pressure and suction coefficients for wind zones 1, 2, and 3.

Table 7: WALL COMPONENTS AND CLADDING. Includes pressure and suction coefficients for wind zones 4 and 5.

Table 8: WALL COMPONENTS AND CLADDING. Includes pressure and suction coefficients for wind zones 4 and 5.

*WIND LOADS BASED ON ASD VALUES OF ASCE 7-10

Table 7: WALL COMPONENTS AND CLADDING. Includes pressure and suction coefficients for wind zones 4 and 5.

Table 8: WALL COMPONENTS AND CLADDING. Includes pressure and suction coefficients for wind zones 4 and 5.

*WIND LOADS BASED ON LRFD VALUES OF ASCE 7-10

Table 8: WALL COMPONENTS AND CLADDING. Includes pressure and suction coefficients for wind zones 4 and 5.

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*WIND LOADS BASED ON ASD VALUES OF ASCE 7-10

FOUNDATIONS

- 1. FOUNDATION DESIGN BASED ON 1500 PSF MINIMUM ALLOWABLE BEARING PRESSURE, PER REPORT OF GEOTECHNICAL INVESTIGATION PREPARED BY FAULKNER ENGINEERING SERVICES, INC., FES PROJECT NO. 13420, DATED JULY 19, 2011.
2. NOTING ENGINEER FOOTING EXCAVATION REVEALS UNSUITABLE OR UNSTABLE SOILS OR MATERIALS OR CONDITIONS NOT FULLY ANTICIPATED.
3. CONTRACTOR SHALL CONSIDER THE POSSIBLE IMPACT OF GROUNDWATER ON CONSTRUCTION TECHNIQUES.
4. FOUNDATION CONDITIONS, ANY OTHER SITE INDICATORS AND HIS OWN JUDGMENT.
5. ALL DIRECTLY BELOW FOUNDATIONS AND SLAB ON GRADE SHALL BE COMPACTED TO 95% OF THE ASTM D 1557 (PROCTOR) MAXIMUM DRY DENSITY.
6. TEST SOILS AND SOILS IN ACCORDANCE WITH REPORT OF GEOTECHNICAL INVESTIGATIONS PREPARED BY FAULKNER ENGINEERING SERVICES, INC., LISTED ABOVE.

PORTLAND CEMENT CONCRETE

- 1. CONCRETE PROPERTIES
A. BEAMS, COLUMNS, AND FOUNDATIONS 4000 PSI 3" TO 5" SLUMP
B. FILLED CELLS IN CMU 3000 PSI 8" TO 11" SLUMP, 3/8" PEA GRAVEL
2. FLY ASH SHALL NOT EXCEED 20 PERCENT BY WEIGHT OF TOTAL CEMENT, IF USED.
3. CONTRACTOR SHALL STRICTLY ADHERE TO SLUMP LIMITS. SUPERPLASTICIZER MAY BE USED AT THE CONTRACTOR'S OPTION TO INCREASE WORKABILITY.
4. MAXIMUM MIXING TIME (FROM BATCHING TO PLACEMENT)
A. AIR TEMPERATURE LESS THAN 85° F: 90 MINUTES
B. AIR TEMPERATURE 85° F TO 90° F: 75 MINUTES
C. AIR TEMPERATURE OVER 90° F: 60 MINUTES
5. MINIMUM COVER FOR REINFORCEMENT
A. FOOTINGS, 3 INCHES TO BOTTOM AND UNFORMED SIDES, 2 INCHES TO FORMED SIDES
B. OTHER, 2 INCHES TO MAIN REINFORCING, 1 1/2 INCHES TO TIES AND STIRRUPS.
6. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE BY STANDARD ACCESSORIES DURING CONCRETE PLACEMENT.
7. REINFORCEMENT SHALL BE GRADE 60 CONFORMING TO ASTM A615.
8. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
9. DETAIL AND FABRICATE REINFORCEMENT IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
10. PROVIDE MINIMUM LAP SPICES PER ACI 318-10 FOR ALL REINFORCING BARS, UNLESS OTHERWISE NOTED. STAGGER SPICES IN ADJACENT BARS AT LEAST 24 INCHES, EXCEPT IN BEAMS AND COLUMNS.
11. IN WALL FOOTINGS, GRADE BEAMS AND BOND BEAMS, PROVIDE BENT BARS AT CORNERS AND INTERSECTIONS OF THE SAME NUMBER AND SIZE AS STRAIGHT BARS.
12. APPLY CURING COMPOUND TO SLAB WITHIN TWO HOURS OF COMPLETION OF FINISHING OPERATIONS. USE LIQUID MEMBRANE FORMING COMPOUND COMPLYING WITH ASTM C309 TYPE 1 CLASS A. APPLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

CONCRETE SLAB ON GRADE

- 1. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS: 3500 PSI
2. MAXIMUM SLUMP AT POINT OF DELIVERY: 5 INCHES
3. MINIMUM AGGREGATE SIZE: 1 INCH
4. ENTRAINED AIR CONTENT: 4.5%
5. WELDED WIRE FABRIC SHALL BE WWF 6x6-W1.4XW1.4, UNLESS OTHERWISE NOTED, CONFORMING TO ASTM A185.
6. THE WELDED WIRE FABRIC SHALL BE PLACED IN THE CENTER OF THE DEPTH OF SLAB ON GRADE UNLESS OTHERWISE NOTED. ALL MESH JOINTS SHALL BE LAPPED TWO FULL MESHES.
7. INTERRUPT TYPICAL SLAB REINFORCEMENT AT ALL CONSTRUCTION AND EXPANSION JOINTS.
8. CUT ALTERNATE WIRES ALONG THE LINE OF SAW CUT CONTROL JOINTS PRIOR TO PLACING CONCRETE. MAKE SAW CUTS WITHIN 12 HOURS OF CONCRETE PLACEMENT, OR AS SOON AS CUTTING CAN BE DONE SUCH THAT THE SAW BLADE DOES NOT DISLODGE AGGREGATE AND THE EDGES OF THE CUT DO NOT RAVEL.
9. PROVIDE 1/2" PREFORMED EXPANSION JOINT MATERIAL WHERE SLAB ABUTS VERTICAL SURFACES SUCH AS WALLS AND COLUMNS.
10. PROVIDE TERMITTE PROTECTION TO SOIL PER FLORIDA BUILDING CODE 2010 BEFORE SLAB PLACEMENT.
11. PROVIDE VAPOR RETARDER UNDER ALL SLABS ON GRADE IN ENCLOSED SPACE.
12. APPLY CURING COMPOUND TO SLAB WITHIN TWO HOURS OF COMPLETION OF FINISHING OPERATIONS. USE LIQUID MEMBRANE FORMING COMPOUND COMPLYING WITH ASTM C 309 TYPE 1 CLASS A. THE COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
13. THE CONTRACTOR SHALL CONFIRM THAT THE CURING COMPOUND WILL NOT INTERFERE WITH THE BONDING OF ANY APPLIED FLOOR SURFACE. IF THE CURING COMPOUND IS FOUND TO INTERFERE WITH BONDING, THE USE OF WET BURLAP AND TRICKLE HOSES IS ACCEPTABLE.
14. FOR LARGE SLABS, IT IS RECOMMENDED THAT THE SLAB BE CAST IN ALTERNATING LONG STRIPS AND SAW CUT TRANSVERSELY TO MINIMIZE SHRINKAGE CRACKING.

CONCRETE MASONRY UNITS

- 1. BLOCKS SHALL BE HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90 LATEST EDITION, TYPE II NON-MOISTURE CONTROLLED. THE MINIMUM NET AREA COMPRESSIVE STRENGTH SHALL BE 1500 PSI FOR AN AVERAGE OF THREE UNITS AND 1900 PSI FOR AN INDIVIDUAL UNIT. SAMPLE AND TEST MASONRY UNITS IN ACCORDANCE WITH ASTM C 140. SAMPLE AND TEST MASONRY GROUT FILL IN ACCORDANCE WITH ASTM C 39.
2. MORTAR SHALL CONFORM TO ASTM C 270 LATEST EDITION. MORTAR FOR ABOVE GRADE WORK SHALL BE TYPE M MORTAR WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 1800 PSI. MORTAR FOR BELOW GRADE WORK SHALL BE TYPE M MORTAR WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI. SAMPLE AND TEST MORTAR IN ACCORDANCE WITH ASTM C 109.
3. PREFABRICATED HORIZONTAL JOINT REINFORCEMENT SHALL HAVE 9 GAGE SIDE RAILS FABRICATED FROM HIGH-STRENGTH COLD-DRAWN WIRE CONFORMING TO ASTM A 82 AND SHALL BE GALVANIZED AFTER FABRICATION. PLACE JOINT REINFORCEMENT IN ALTERNATE COURSES IN ALL WALLS. PLACE THREE ROWS AT 8 INCHES ON CENTER IMMEDIATELY ABOVE ALL WALL OPENINGS AND AT THE TOP OF ALL WALLS. LAP SIDE RAILS AT LEAST 6 INCHES AT SPLICES. JOINT REINFORCEMENT TO BE TRUSS-TYPE.
4. PROVIDE ALL SPECIAL LINTEL, KNOCK-OUT, JAMB AND SASH BLOCK AS REQUIRED TO COMPLETE THE WALL. MASONRY SAWS SHALL BE USED TO CUT THE BLOCK AS REQUIRED.
5. BRACE FOUNDATION WALLS BEFORE BACKFILLING AGAINST THEM TO PREVENT OVERSTRESSING, BUCKLING OR ROTATION OF THE WALLS. BRACE ALL WALLS AGAINST WIND, CONSTRUCTION LOADS OR OTHER TEMPORARY FORCES UNTIL SUCH PROTECTION IS NO LONGER REQUIRED FOR THE SAFE SUPPORT OF THE WALL. BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. IN ADDITION TO REQUIREMENTS ELSEWHERE IN THE DRAWINGS FOR FILLING MASONRY CELLS, FILL CELLS WITH CONCRETE AND ONE #5 BAR AT A MAXIMUM SPACING OF 48 INCHES UNLESS OTHERWISE NOTED. FILL FIRST CELL EACH SIDE OF ANY OPENING. FILL FIRST CELL EACH SIDE OF WALL.
7. EXTEND AND HOOK VERTICAL BARS INTO FOOTING AND HOOK VERTICAL BARS INTO TOP OF WALL BOND BEAM OR THE BOTTOM OF WINDOW OR DOOR.
8. ALL VERTICAL BARS SHALL BE SECURED TO THE TOP OF EACH BAR AT ANY SPICES, ESPECIALLY AT THE FOOTING DOWN TO. BARS SHALL BE SECURED IN THE TOP POSITIONS WITHIN THE CELLS BY THE WIRES, REBAR TIE BARS OR BY OTHER APPROVED MEANS.
9. PROVIDE ANCHORS AND/OR INSPECTION POINTS FOR FILLING CELLS IN LIFTS EXCEEDING 5 FEET. LIFTS SHALL NOT EXCEED 5 FEET. BRACING ALONG A STRAIGHT WALL SHALL NOT EXCEED 25 FEET, NOR 3 TIMES THE WALL HEIGHT.
11. THE CONTRACTOR SHALL PROVIDE JOINT STRIPS AND STANDARD SASH BLOCKS.
12. PROVIDE DETAILING FOR ALL OPENINGS WITH DETAILS ON THE DRAWINGS AND IN ACCORDANCE WITH THE FOLLOWING:
A. ALL CHANGES IN WALL HEIGHT
B. ALL CHANGES IN WALL THICKNESS
C. AT WALL OPENINGS LESS THAN 6'-0" WIDE, ONE SIDE
D. AT WALL OPENINGS 6'-0" OR WIDER, BOTH SIDES
E. AT CONTROL JOINTS IN APPLIED PLASTER OR MASONRY VENERE
F. AT CHASES AND RECESSES FOR PIPES, COLUMNS, ETC.
12. IN ADDITION TO REQUIREMENTS ELSEWHERE IN THE DRAWINGS, PROVIDE A CONTINUOUS HORIZONTAL #5 IN FULLY GROUTED KNOCK OUT BLOCK BELOW WINDOW OPENINGS EXTENDED 8" BEYOND EACH SIDE OF OPENINGS.

ROUGH CARPENTRY - STRUCTURAL WOOD FRAMING AND SHEATHING

- 1. APPLICABLE PUBLICATIONS:
A. WESTERN WOOD PRODUCTS ASSOCIATION PUBLICATION: STANDARD GRADING RULES FOR WESTERN LUMBER
B. AMERICAN WOOD PRESERVERS INSTITUTE STANDARDS: PRESERVATIVE TREATMENT OF WOOD BY PRESSURE METHODS
C. NATIONAL FOREST PRODUCTS ASSOCIATION PUBLICATION: NATIONAL DESIGN SPECIFICATION FOR STRESS GRADED LUMBER AND ITS FASTENINGS
D. WEST COAST LUMBER INSPECTION BUREAU STANDARDS: STANDARD GRADING AND DRESSING RULES FOR DOUGLAS FIR, WEST COAST HEMLOCK, SITKA SPRUCE, WHITE FIR, AND WESTERN RED CEDAR LUMBER, NO 16
E. SOUTHERN PINE INSPECTION BUREAU: STANDARD GRADING RULES FOR SOUTHERN PINE LUMBER
F. SOUTHERN FOREST PRODUCTS ASSOCIATION
G. NATIONAL BOARD OF FIRE UNDERWRITERS
2. LUMBER SHALL COMPLY WITH PS 20 [AMERICAN SOFTWOOD LUMBER STANDARD; NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY] AND APPROVED GRADING RULES AND INSPECTION AGENCIES.
3. COVER WOOD PRODUCTS TO PROTECT AGAINST MOISTURE. SUPPORT STACKED PRODUCTS TO PREVENT DEFORMATION AND TO ALLOW CIRCULATION.
4. DIMENSION LUMBER
A. GRADING AGENCY: SOUTHERN PINE INSPECTION BUREAU, INC. (SPB)
B. SIZES: NOMINAL SIZES AS INDICATED ON DRAWINGS, S4S
C. MOISTURE CONTENT: S-DRY OR MC19
D. LUMBER: S4S, SOUTHERN PINE NO. 2
5. PLYWOOD SHEATHING
A. PS 1 [CONSTRUCTION AND INDUSTRIAL PLYWOOD; NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.
B. APA RATED SHEATHING EXP
6. ALL FASTENERS TO BE HOT-DIPPED GALVANIZED STEEL FOR HIGH-HUMIDITY AND TREATED WOOD LOCATIONS.
7. PRESERVE TREATMENT OF LUMBER ABOVE GRADE SHALL BE AWP A TREATMENT C2 USING WATERBORNE PRESERVATIVE 0.25 LB/CU FT RETENTION.
8. FASTENINGS (GENERAL): THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THOSE SPECIFIED IN TABLE 2304.9.1 OF THE FLORIDA BUILDING CODE 2004.
9. ALL PRESSURE TREATED WINDOW AND DOOR BUCKS SHALL BE LESS THAN 1 1/2 INCHES. WINDOW AND DOOR ANCHORS SPECIFIED BY MANUFACTURER SHALL BE SECURELY FASTENED INTO THE MASONRY SUBSTRATE.

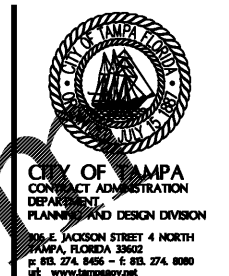
PREFABRICATED WOOD TRUSSES

- 1. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI) REQUIREMENTS.
2. TRUSSES SHALL BE DESIGNED SO THAT THE TOTAL DEFLECTION UNDER COMBINED DEAD AND LIVE LOADS WILL NOT EXCEED L/360 (WHERE L = LENGTH OF SPAN), NOR SHALL THE LIVE LOAD DEFLECTION EXCEED L/240.
3. ROOF TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER TO MEET OR EXCEED THE FOLLOWING LOAD CONDITIONS IN ADDITION TO ALL GOVERNING BUILDING CODES, COMPLETE WITH ALL NECESSARY TEMPORARY OR PERMANENT BRACING, ATTACHMENTS, BRIDGING, ETC. AS MAY BE REQUIRED FOR A COMPLETE ROOF SYSTEM.
TOP CHORD LIVE LOAD20.0 PSF
CHORD/WEB MEMBERS TO ACCOMPLISH THIS:
BOTTOM CHORD LIVE LOAD (SUPERIMPOSED).....10.0 PSF
BOTTOM CHORD DEAD LOAD (SUPERIMPOSED).....15.0 PSF
TOTAL = 55.0 PSF
4. DESIGN IS TO BE BASED ON FRAMING LAYOUT, DIMENSIONS AND LOAD SHOWN THEREON FROM THIS MUST BE COORDINATED WITH THE PROJECT ARCHITECT AND ENGINEER.
5. TRUSS MANUFACTURER TO MAINTAIN NUMBER OF TRUSS PLIES INDICATED ON DRAWINGS-INCREASING CHORD/WEB MEMBERS TO ACCOMPLISH THIS.
6. TRUSS MANUFACTURER SHALL PROVIDE CALCULATIONS SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE OF FLORIDA DEMONSTRATING THE STRENGTH AND SERVICEABILITY OF THE ROOF SYSTEM. THESE CALCULATIONS SHALL ALSO SPECIFICALLY IDENTIFY UPON THE BEAR FORCES AND DEFLECTIONS SELECTED TO RESIST THESE FORCES. BOTTOM CHORD BRACING SHALL BE IN COMPLIANCE WITH TPI RECOMMENDATIONS AND DESIGNED TO PROVIDE ADEQUATE
7. THE ARCHITECT/ENGINEER HAS NOT REVIEWED THE PREFABRICATED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD CONDITIONS APPLICABLE TO THE TRUSS TO MAKE ANY CHANGES AFTER TRUSS LOAD INFORMATION IS SUPPLIED TO THE ARCHITECT/ENGINEER.

Table 8: SIMPSON STRONG-TIE CONNECTIONS. Lists various truss connections with their dimensions and Florida product approval numbers.

LIST OF ABBREVIATIONS

Table listing various abbreviations and their full names, such as @ ABUT., A.F.F. ABOVE FINISH FLOOR, AB. ANCHOR BOLT, ARCH. ARCHITECTURAL/ARCHITECT'S(DRAWINGS), L. LEFT HAND, L.G. LIGHT GAUGE, L.W. LONG WAY, LIN. FT. LINEAR FOOT, LLV. LONG LEG VERTICAL, LONG. LONGITUDINAL, MATL. MATERIAL, MAX. MAXIMUM, MECH. MECHANICAL, MIN. MINIMUM, MSL. MEAN SEA LEVEL, MPH. MILES PER HOUR, NO. NUMBER, NON-SHRINK. NON-SHRINK, O.C. ON CENTER, O.C.E.W. ON CENTER EACH WAY, OPNG. OPENING, O.H. OPPOSITE HAND, O.D. OUTSIDE DIAMETER, O.F.P. OUTSIDE FACE OF PANEL, PAVT. PAVEMENT, P.C. POINT, P.T. PRESSURE TREATED, PSF. POUND PER SQUARE FOOT, PSI. POUNDS PER SQUARE INCH, P.G. PROFILE GRADE, PROP. PROPOSED, RAD. RADIUS, REINF. REINFORCING, REQ. REQUIRE, REQ'D. REQUIRED, REQMTS. REQUIREMENTS, R.H. RIGHT HAND, (S) SHORT, SECT. SECTION, SIM. SIMILAR, SPL. SPLICE, SPACE OR SPACING, S.F. SQUARE FOOT, S.W. SHORT WAY, S.Y. SQUARE YARD, STD. STANDARD, STA. STATION, STL. STEEL, STIFNR. STIFFENER, STRUC. STRUCTURAL, SYMM. SYMMETRICAL, T. TOP, T/B. TOP BAR, T & B. TOP AND BOTTOM, T/J. TOP OF BAR JOIST, T/P. TOP OF PANEL, TRANS. TRANSVERSELY/TRANSVERSE, T/W. TOP OF WALL, TYP. TYPICAL, UN.O. UNLESS NOTED OTHERWISE, WT. WEIGHT, WWR. WELDED WIRE REINFORCING, W.F. WIDE FLANGE, W/J. WITH, W.P. WORK POINT, YD. YARD.



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DPW FILE NUMBER

DPW NUMBER
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7-28-17

DRAWN BY
RC, RM

REVISIONS
List of revision symbols and descriptions.

SEAL
TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES

ROBERT J. REINHART
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SCALE: VARS

GENERAL NOTES

SHEET NUMBER

S10
OF X

