

ROUGH CARPENTRY

A. GENERAL

- LUMBER:
 - GRADING PER DOC PS 20 AND APPLICABLE GRADING AGENCY RULES.
 - FACTORY MARK EACH PIECE WITH GRADING AGENCY GRADE STAMP.
 - MAXIMUM MOISTURE CONTENT: 19%
 - PROTECT MATERIALS FROM WEATHER
 - SORT AND SELECT LUMBER SO NATURAL CHARACTERISTICS DO NOT INTERFERE WITH INSTALLATION OR FASTENING.
 - PASS PLUMBING AND CONDUIT THROUGH HOLES, NOT NOTCHES, IN STUDS, SILLS AND PLATES. CENTER HOLES IN THE MEMBER DEPTH. USE GALVANIZED NAIL STOPPERS (16 GAGE MIN.) ON BOTH FACES OF BORED MEMBERS IN ACCORDING WITH THE GOVERNING PLUMBING/ELECTRICAL CODE.
- PRESERVATIVE-TREATED (PT):
 - PRESERVATIVE TREATMENT PROCESS: AWPA U1
 - CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND
 - CATEGORY UC3b FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND
 - CATEGORY UC4a FOR ITEMS IN CONTACT WITH GROUND
 - CHEMICALS USED MUST BE ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND NOT CONTAIN ARSENIC, CHROMIUM, NOR AMMONIA-CAL COPPER ZINC ARSENATE (ACZA). DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
 - KILN-DRY AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
 - MARK LUMBER WITH TREATMENT QUALITY MARK OF AN INSPECTION AGENCY APPROVED BY THE ALSC BOARD.
 - UNLESS NOTED OTHERWISE, INSTALL PT LUMBER AS FOLLOWS:
 - EXTERIOR LOCATIONS.
 - WOOD MEMBERS IN CONTACT WITH MASONRY, MORTAR, GROUT OR CONCRETE
 - WOOD FRAMING MEMBERS LESS THAN 18 INCHES ABOVE GROUND IN CRAWLSPACES OR UNEXCAVATED AREAS.

B. DIMENSIONAL LUMBER

- UNLESS NOTED OTHERWISE: SOUTHERN PINE NO.2 OR BETTER, SPIB
 - EXTERIOR WALLS: SOUTHERN PINE NO.2 OR BETTER, SPIB; OR SPRUCE PINE FIR, NO.1 OR BETTER, NLGA
- C. ENGINEERED LUMBER AND STRUCTURAL COMPOSITE LUMBER (SCL)
- INSTALL ENGINEERED WOOD PRODUCTS PER MANUFACTURER'S WRITTEN INSTRUCTIONS. FOLLOW MANUFACTURER INSTRUCTIONS FOR MULTI-PLY FASTENING AS WELL AS LIMITS ON HOLE SIZES AND LOCATIONS.
 - SIZES INDICATED ARE NET DIMENSIONS.
 - LAMINATED-VENEER LUMBER (LVL):
 - STRUCTURAL CAPACITIES IN ACCORDANCE WITH ASTM D5456
 - ALLOWABLE UNIT STRESSES FOR DRY CONDITIONS AS FOLLOWS:
 - EXTREME FIBER STRESS IN BENDING, EDGEWISE: 2,600 PSI
 - MODULUS OF ELASTICITY, EDGEWISE: 2,000,000 PSI
 - PARALLEL-STRAND LUMBER (PSL):
 - STRUCTURAL CAPACITIES IN ACCORDANCE WITH ASTM D5456
 - ALLOWABLE UNIT STRESSES FOR DRY CONDITIONS AS FOLLOWS:
 - BEAMS:
 - EXTREME FIBER STRESS IN BENDING, EDGEWISE: 2,900 PSI
 - MODULUS OF ELASTICITY, EDGEWISE: 2,000,000 PSI
 - COLUMNS:
 - EXTREME FIBER STRESS IN BENDING, EDGEWISE: 2,500 PSI
 - MODULUS OF ELASTICITY, EDGEWISE: 1,800,000 PSI

D. FASTENERS

- NAILS, BRADS, AND STAPLES: ASTM F1667
- FASTENERS USED IN PRESERVATIVE-TREATED OR FIRE-TREATED LUMBER ARE GALVANIZED TO ASTM STANDARD B695 - CLASS 55, OR A153 - CLASS D.
- FASTENERS USED IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED.
- AS A MINIMUM, FASTEN ALL WOOD FRAMING TO COMPLY WITH THE "FASTENING SCHEDULE" OF THE REFERENCED BUILDING CODE AND THE ICC-ES EVALUATION REPORT FOR FASTENERS.
- USE STEEL COMMON NAILS UNLESS NOTED OTHERWISE.
- STAGGER FASTENERS TO PREVENT SPLITTING, INCLUDING PARALLEL TO GRAIN SPLITTING.
- FASTEN MULTI-PLY MEMBERS TOGETHER USING (3) ROWS OF 16d NAILS AT 12 INCHES OC, UNLESS NOTED OTHERWISE.

E. CONNECTORS

- INSTALL CONNECTORS COMPLYING WITH MANUFACTURER EACH FASTENER HOLE, UNLESS NOTED OTHERWISE.
- CONNECTORS INDICATED ARE MANUFACTURED BY SIMPSON STRONG-TIE, INC. CONNECTORS BY OTHER MANUFACTURERS MAY BE USED IF THE LOAD CAPACITY IS EQUAL TO OR GREATER THAN THE CONNECTOR SPECIFIED, USE MANUFACTURER'S RECOMMENDED FASTENERS, UNLESS NOTED OTHERWISE.
- CONNECTORS HAVE A MINIMUM CORROSION PROTECTION OF G90 GALVANIZATION COMPLYING WITH ASTM A653.
- CONNECTORS IN CONTACT WITH PRESSURE TREATED OR FIRE TREATED LUMBER ARE MANUFACTURED FROM SIMPSON ZMAX (G185 GALVANIZED) STEEL COMPLYING WITH ASTM A653.
- CONNECTORS IN PROXIMITY TO SALTWATER SPRAY ARE MANUFACTURED FROM TYPE 316 STAINLESS STEEL OR HOT DIP GALVANIZED TO ASTM STANDARD A123 - CLASS C.

F. ERECTION TOLERANCES

- FRAMING MEMBERS COVERED BY FINISHES SUCH AS WALLBOARD, PLASTER OR CERAMIC TILE SET IN A MORTAR SETTING BED, MUST BE WITHIN THE FOLLOWING LIMITS:
 - LAYOUT OF WALLS AND PARTITIONS: 1/4 INCH FROM THE INTENDED POSITION
 - PLATES AND RUNNERS: 1/4 INCH IN 8 FEET FROM A STRAIGHT LINE
 - STUDS: 1/4 INCH IN 8 FEET OUT OF PLUMB, NOT CUMULATIVE
 - FACE OF FRAMING MEMBERS: 1/4 INCH IN 8 FEET FROM A TRUE PLANE
- FRAMING MEMBERS COVERED BY CERAMIC TILE SET IN DRY-SET MORTAR, LATEX-PORTLAND CEMENT MORTAR OR ORGANIC ADHESIVE MUST BE WITHIN THE FOLLOWING LIMITS:
 - LAYOUT OF WALLS AND PARTITIONS: 1/4 INCH FROM THE INTENDED POSITION
 - PLATES AND RUNNERS: 1/8 INCH IN 8 FEET FROM A STRAIGHT LINE
 - STUDS: 1/8 INCH IN 8 FEET OUT OF PLUMB, NOT CUMULATIVE
 - FACE OF FRAMING MEMBERS: 1/8 INCH IN 8 FEET FROM A TRUE PLANE
- WALL CONSTRUCTION
 - UNLESS NOTED OTHERWISE USE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES USING 2x MEMBERS WITH WIDTHS EQUAL TO THE WALL STUDS, FASTEN PLATES TO SUPPORTING CONSTRUCTION. SPLICE TOP PLATES WITHIN THE CENTER THIRD OF THE TOTAL WALL LENGTH WITH A 4 FOOT MINIMUM LAP, UNLESS NOTED OTHERWISE.
 - EXTERIOR WALLS: 2x6 STUDS AT 16 INCHES OC MAX SPACING, UNLESS NOTED OTHERWISE
 - INSTALL HORIZONTAL BLOCKING AT WALL MIDHEIGHT; BLOCKING IS 2x MEMBERS WITH WIDTHS EQUAL TO THE STUDS.
 - CONSTRUCT CORNERS AND INTERSECTIONS WITH THREE OR MORE STUDS.
 - FRAME WALL OPENINGS WITH MULTIPLE JAMBS STUDS AND HEADERS AS INDICATED. INSTALL HEADER MEMBERS WITH THICKNESS EQUAL TO WIDTH OF THE WALL STUDS.
- CONSTRUCTION
 - INSTALL SOLID BLOCKING BETWEEN JOISTS AT ALL BEARING LOCATIONS.
 - INSTALL SOLID BLOCKING BETWEEN JOISTS AT ENDS OF JOIST, UNLESS FASTENER TO HEADER OR BAND.
 - LAP MEMBERS FRAMING FROM OPPOSITE SIDES OF BEAMS, GIRDERS, OR PARTITIONS NOT LESS THAN 4 INCHES OR SECURELY TIE OPPOSING MEMBERS TOGETHER. INSTALL SOLID BLOCKING OF JOISTS OVER SUPPORTS.
 - INSTALL DOUBLE JOISTS SEPARATED BY SOLID BLOCKING EQUAL TO STUD ABOVE UNDER NON-LOAD-BEARING PARTITIONS. INSTALL TRIPLE JOISTS UNDER PARTITIONS RECEIVING CERAMIC TILE OR SIMILAR HEAVY FINISHES OR FIXTURES
 - INSTALL FULL DEPTH 2x BLOCKING AT 72 INCH OC MAX SPACING BETWEEN ROOF JOISTS/RAFTERS.

POST-INSTALLED ANCHORS

- ONLY USE POST-INSTALLED ANCHORS WHERE SPECIFIED ON THE DRAWINGS.
- OBTAIN APPROVAL FROM THE ENGINEER OF RECORD PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.
- LOCATE EXISTING REBAR, REINFORCING AND ANCHORS PRIOR TO DRILLING. DO NOT DAMAGE OR DISTURB EXISTING REBAR, REINFORCING OR ANCHORS.
- INSTALL ANCHORS ACCORDING TO MANUFACTURER'S INSTRUCTIONS, INCLUDING BUT NOT LIMITED TO: EXPIRATION DATE, INSTALLATION TEMPERATURE, DRILLING METHOD, HOLE SIZE, HOLE DEPTH, HOLE CLEANING, MIXING PROCEDURE, ANCHOR INSTALLATION AND CURING. CONTACT THE MANUFACTURER PRIOR TO DRILLING IF TRAINING IS REQUIRED.
- FOLLOW MANUFACTURER'S INSTRUCTIONS FOR MINIMUM EDGE DISTANCES AND SPACING.
- UNLESS NOTED OTHERWISE, EMBED ANCHORS IN THE APPROPRIATE SUBSTRATE WITH A MINIMUM EMBEDMENT OF 8 TIMES THE NOMINAL ANCHOR DIAMETER OR THE EMBEDMENT REQUIRED TO SUPPORT THE INTENDED LOAD.
- ADHESIVE ANCHOR DESIGN BOND STRENGTH IS BASED ON CRACKED CONCRETE, ACI 355.4 TEMPERATURE CATEGORY B, AND INSTALLATIONS INTO DRY HOLES DRILLED USING A HAMMER DRILL INTO CONCRETE CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS MUST BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318.
- INSPECT ANCHOR INSTALLATION PER APPLICABLE BUILDING CODE AND SPECIAL INSPECTION REQUIREMENTS.
- SUBMIT SUBSTITUTION REQUESTS TO THE STRUCTURAL ENGINEER, INCLUDING CALCULATIONS PREPARED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER SHOWING THE SUBSTITUTED PRODUCT WILL ACHIEVE AN EQUIVALENT CAPACITY USING THE APPROPRIATE DESIGN PROCEDURE REQUIRED BY THE BUILDING CODE.
- ACCEPTABLE PRODUCTS ARE:
 - CONCRETE MECHANICAL ANCHORS:
 - HILTI KB-TZ
 - HILTI KWIK HUS-EZ
 - SIMPSON STRONG-TIE TITEN-HD
 - SIMPSON STRONG-TIE "STRONG-BOLT Z"
 - CONCRETE ADHESIVE ANCHORS:
 - HILTI RE500-SD
 - HILTI HY200
 - SIMPSON STRONG-TIE "SET-XP"
 - SIMPSON STRONG-TIE "AT-XP"
 - MASONRY MECHANICAL ANCHORS:
 - SOLID GROUTED CMU:
 - HILTI KWIK HUS-EZ
 - SIMPSON STRONG-TIE "TITEN-HD"
 - SIMPSON STRONG-TIE "STRONG-BOLT Z"
 - HOLLOW CMU:
 - SIMPSON STRONG-TIE "TITEN-HD"
 - MASONRY ADHESIVE ANCHORS:
 - SOLID-GROUTED CMU:
 - SIMPSON STRONG-TIE "SET-XP"
 - SIMPSON STRONG-TIE "AT-XP"
 - HILTI HY270
 - HOLLOW CMU:
 - SIMPSON STRONG-TIE "SET"
 - HILTI HY270

PREFABRICATED WOOD TRUSSES

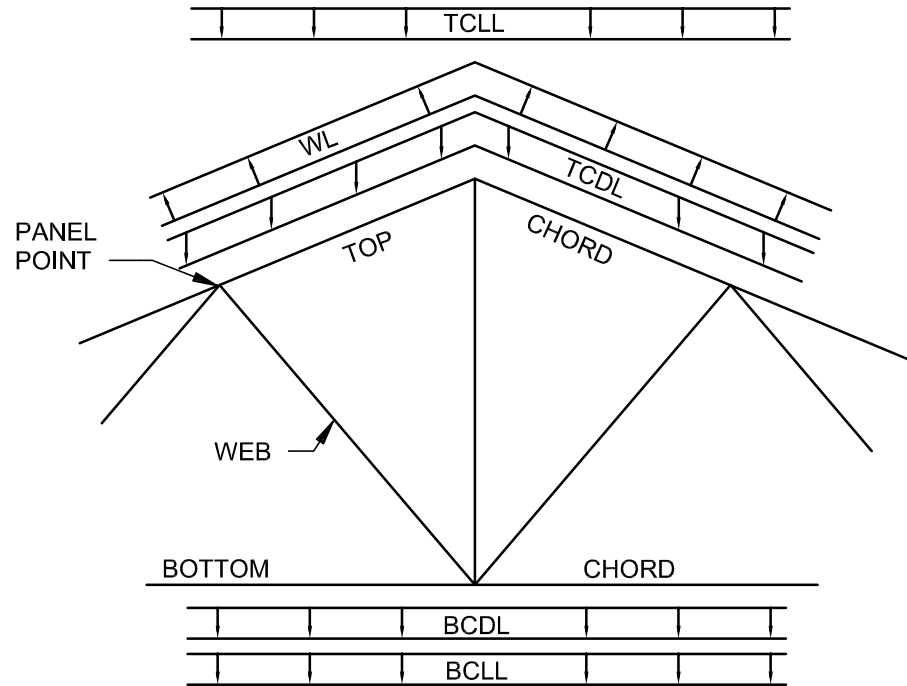
- DESIGN TRUSSES IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION" (NDS) AND ITS "SUPPLEMENT", AS WELL AS THE TRUSS PLATE INSTITUTE (TPI), DESIGN TRUSSES FOR THE DESIGN CRITERIA INDICATED.
- FABRICATE, INSTALL AND BRACE TRUSSES IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI).
- SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY REGISTERED PROFESSIONAL ENGINEER, INCLUDING TRUSS LAYOUT, TRUSS PROFILES, INSTALLATION INSTRUCTIONS, DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. DESIGN TRUSSES USING "PIN" CONNECTION AT ONE SUPPORT AND "ROLLER" CONNECTION AT OTHER SUPPORT LOCATIONS. "PIN" IS DEFINED AS A SUPPORT RESISTING VERTICAL AND HORIZONTAL LOADS. "ROLLER" IS DEFINED AS RESISTING ONLY VERTICAL LOADS. DO NOT FABRICATE TRUSSES UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND RETURNED. DESIGN TRUSSES TO BEAR ONLY ON THE STRUCTURAL SUPPORT MEMBERS INDICATED.
- WOOD FRAMING MEMBERS: PS 20 "AMERICAN SOFTWOOD LUMBER STANDARD"
 - SOUTHERN PINE NO. 2 OR BETTER, SPIB
 - 19 PERCENT MAXIMUM MOISTURE CONTENT
 - SELECT FRAMING MEMBERS SO KNOTS OR OTHER WOOD IMPERFECTIONS DO NOT OCCUR AT PANEL POINTS/CONNECTOR PLATES.
- METAL CONNECTOR PLATES, UNLESS NOTED OTHERWISE:
 - AT INDOOR LOCATIONS: ASTM A653 WITH G60 GALVANIZED COATING
 - AT PRESERVATIVE TREATED LUMBER: ASTM A653 WITH G185 GALVANIZED COATING TO 0.036 INCH MIN THICKNESS
- LIMIT TRUSS AND MEMBER DEFLECTIONS PER REFERENCED BUILDING CODE.
- TRUSS TO TRUSS CONNECTIONS ARE BY THE TRUSS ENGINEER. WHERE MULTIPLE TRUSS PLIES ARE INDICATED, FASTEN TOGETHER AS INDICATED BY THE TRUSS MANUFACTURER.
- TRUSS CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION OF THE TRUSSES, OR AS RECOMMENDED BY THE MANUFACTURER AND TPI. IN ADDITION TO ANY BRACING INDICATED, DESIGN AND INSTALL BOTTOM CHORD BRACING WHERE CEILING SHEATHING DOES NOT ATTACH DIRECTLY TO TRUSS BOTTOM CHORD. COORDINATE EXTENTS OF CEILING SHEATHING WITH ARCHITECTURAL DRAWINGS.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR TRUSS PROFILES. TRUSS PROFILES INDICATED ON THE STRUCTURAL DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. COORDINATE TRUSS WEB CONFIGURATION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. TRUSS MANUFACTURER MAY USE ALTERNATIVE TRUSS WEB CONFIGURATIONS SUBJECT TO APPROVAL OF THE ARCHITECT. ALIGN WEB MEMBERS IN ADJACENT TRUSSES OF THE SAME PROFILE TO PERMIT PASSAGE OF DUCTWORK.
- TRUSS ANCHORAGES AND HOLDOWNS ARE BASED ON TRUSS LAYOUT INDICATE. COORDINATE FINAL LOCATION OF GANGED STUDS AND HOLDOWNS WITH TRUSS SHOP DRAWINGS.
- INSTALL TRUSS HOLDOWNS PRIOR TO SHEATHING.
- DO NOT ALTER TRUSSES IN FIELD WITHOUT WRITTEN DIRECTION FROM TRUSS ENGINEER. DO NOT CUT, DRILL, NOTCH OR REMOVE TRUSS MEMBERS.
- TRUSS DIAGRAMS BELOW ARE FOR SCHEMATIC PURPOSES ONLY TO SHOW THE APPLICATION OF DESIGN LOADS. COMBINE LOADS PER THE REFERENCED BUILDING CODE.

SPECIAL INSPECTIONS AND TESTING

- SPECIAL INSPECTIONS AND TESTING ARE PERFORMED IN ACCORDANCE WITH IBC CHAPTER 17 AND LOCAL JURISDICTION PROVISIONS, BY AN INDEPENDENT INSPECTION AND TESTING AGENCY. THE SPECIAL INSPECTOR MUST OBSERVE AND TEST THE WORK FOR CONFORMANCE TO THE CONTRACT DOCUMENTS.
- THE SPECIAL INSPECTOR MUST FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, AND ALL OTHER DESIGNATED INDIVIDUALS. ALL DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF NOT CORRECTED, TO THE PROPER DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
- THE SPECIAL INSPECTOR MUST SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK IS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE CONTRACT DOCUMENTS, SOILS REPORT AND APPLICABLE WORKMANSHIP OF THE BUILDING CODE.
- STATEMENT AND SCHEDULE OF SPECIAL INSPECTIONS IS PART OF THE CONTRACT DOCUMENTS.

SUBMITTALS

- CONTRACTOR MUST REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR REVIEW. SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND/OR ENGINEER FOR REVIEW. FABRICATE AND CONSTRUCT FROM THE REVIEWED SUBMITTALS. ALLOW 10 BUSINESS DAYS FOR EACH SUBMITTAL REVIEW UNLESS AN ALTERNATE REVIEW TIME IS AGREED UPON BY ALL PARTIES. IN THE EVENT MULTIPLE SUBMITTALS ARE SUBMITTED AT THE SAME TIME, THE CONTRACTOR MUST INDICATE WHICH SUBMITTALS HAVE PRIORITY.
- MAINTAIN A RECORD SET OF APPROVED SHOP DRAWINGS IN THE FIELD.
- SUBMIT IN WRITING ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO, THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED, TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING" UNLESS IT IS CLEARLY NOTED SPECIFIC CHANGES ARE BEING REQUESTED.
- PREPARE A LIST AND SCHEDULE OF ALL STRUCTURAL SUBMITTALS PRIOR TO CONSTRUCTION.
- SUBMIT THE FOLLOWING SHOP DRAWINGS FOR THE ENGINEER'S REVIEW:
 - CONCRETE MIX DESIGNS
 - REINFORCING STEEL
 - MISCELLANEOUS STEEL
 - METAL AND FABRIC CANOPIES - CONNECTION TO BUILDING IS BY SUPPLIER (1, 3)
 - STRUCTURAL STEEL, SHOP AND ERECTION DRAWINGS (1, 3)
 - PENETRATIONS IN BEAMS AND JOISTS
 - EXTERIOR WINDOW WALL SYSTEM (2)
 - PREFABRICATED WOOD TRUSSES (1, 3)
- SUBMIT ITEMS MARKED (1) SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMIT ITEMS MARKED (2) FOR OWNER'S RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. SUBMIT ITEMS MARKED (3) WITH DESIGN CALCULATIONS SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED.
 - THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
- THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEM TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.



ROOF TRUSS DESIGN CRITERIA

- TCDL = 10 PSF
TCLL = ROOF LIVE LOAD PER DESIGN CRITERIA
WL = WIND LOAD PER DESIGN CRITERIA
SL = SNOW LOAD (INCLUDING DRIFT) PER DESIGN CRITERIA
BCDL = 10 PSF
BCLL = 10 PSF

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 - SIMPSON STRONG-TIE "SET-XP"
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 - SOLID-GROUTED CMU:
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 - SIMPSON STRONG-TIE "AT-XP"
 - HILTI HY270
 - HOLLOW CMU:
 - SIMPSON STRONG-TIE "SET"
 - HILTI HY270

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MEASUREMENTS SHOWN are to finish line of a material unless otherwise indicated. INCLUDE A REBAR SECTION - IN NET SCALE drawings unless otherwise stated.

project title

CFT RETAIL BUILDING

2901 S. CHURCH STREET
MURFREESBORO, TN 37127

project number

20045.003

drawing issuance

PERMIT/BID SET 6.1.2021

drawing revisions

No. Description Date:

professional seal



drawing title

GENERAL NOTES

drawing number

S001

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