

STRUCTURAL ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes # POUND(S), NUMBER; & AND; (E) EXISTING; @ AT; AB ANCHOR BOLT; ADDL ADDITIONAL; ALT ALTERNATE; APPROX APPROXIMATE(LY); ARCH ARCHITECTURAL; B/FTG BOTTOM OF FOOTING; BLDG BUILDING; BLKG BLOCKING; BM BEAM; BMD BOTTOM OF METAL DECK; BOT BOTTOM; BRG BEARING; BTWN BETWEEN; CANT CANTILEVER; CFS COLD-FORMED STEEL; CIP CAST-IN-PLACE; CJ CONTROL OR CONST JOINT; CL CENTER LINE; CLR CLEAR; CMU CONCRETE MASONRY UNIT; COL COLUMN; CONC CONCRETE; CONN CONNECTION; CONST CONSTRUCTION; CONT CONTINUOUS; CTR CENTER; DBL DOUBLE; deg DEGREE; DF DOUGLAS FIR; dia DIAMETER; DIM DIMENSION; DWG DRAWING; DWL DOWEL; EA EACH; EF EACH FACE; EL ELEVATION; ELEV ELEVATOR; EMB EMBEDMENT; EQ EQUAL; ETC ET CETERA; EW EACH WAY; EXP EXPANSION; EXT EXTERIOR; FDN FOUNDATION; FF FINISH FLOOR; FIN FINISH; FLR FLOOR; FRMG FRAMING; FTG FOOTING; FV FIELD VERIFY; ga GAUGE; GALV GALVANIZE(D); GLB GLUE-LAMINATED BEAM; HGR HANGER; HK HOOK; HORIZ HORIZONTAL

STRUCTURAL ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes HSS HOLLOW STEEL SECTION; INT INTERIOR; J/B JOIST BEARING; J/G JOIST GIRDER; JST JOIST; JT JOINT; KP 1,000 POUNDS; ksi kips PER SQUARE INCH; LB POUND; LLH LONG LEG HORIZONTAL; MAX MAXIMUM; MECH MECHANICAL; MEZZ MEZZANINE; MFR MANUFACTURER; MIN MINIMUM; MISC MISCELLANEOUS; MTL METAL; NTS NOT TO SCALE; oc ON CENTER; OPNG OPENING; PAR PARAPET; PEMB PRE-ENGINEERED METAL BUILDING MANUFACTURER; PIL PILASTER; PL PLATE; PLYWD PLYWOOD; psf POUNDS PER SQUARE FOOT; PTDF PRESSURE TREATED DOUGLAS FIR; PTSPF PRESSURE TREATED SPRUCE PINE FIR; PTSYP PRESSURE TREATED SOUTHERN YELLOW PINE; REINF REINFORCED, REINFORCING; REQD REQUIRED; SCHED SCHEDULE; SHTG SHEATHING; SIM SIMILAR; SPF SPRUCE PINE FIR; STD STANDARD; STL STEEL; STRUC STRUCTURAL; SYP SOUTHERN YELLOW PINE; T&B TOP AND BOTTOM; T&G TONGUE AND GROOVE; T/B TRUSS BEARING; T/CONC TOP OF CONCRETE; T/FTG TOP OF FOOTING; T/PAN TOP OF PANEL; T/PAR TOP OF PARAPET; T/PIL TOP OF PILASTER; T/S TOP OF SLAB; T/STL TOP OF STEEL; TYP TYPICAL; UNO UNLESS NOTED OTHERWISE; USGS US GEOLOGICAL SURVEY; VAR VARIES; VERT VERTICAL; w/ WITH; WHS WELDED HEADED STUD(S); WP WORK POINT; WWR WELDED WIRE REINFORCEMENT

GENERAL STRUCTURAL NOTES

- 1. THIS DRAWING SET IS TO BE VIEWED AS A WHOLE AND COORDINATED WITH ARCHITECTURAL, MECHANICAL, AND OTHER DISCIPLINES. ALL WORK PERTAINING TO A SPECIFIC CONTRACTOR MAY OR MAY NOT BE SHOWN ON SPECIFIC DRAWING SECTIONS. IT IS EACH SUBCONTRACTOR'S RESPONSIBILITY TO PREPARE HIS BID FROM A COMPLETE SET OF PLANS.
- 2. THE CONTRACTOR SHALL FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE DRAWINGS. DIMENSIONS NOT SHOWN ON PLAN TO BE COORDINATED WITH ARCHITECTURAL PLANS.
- 3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY AT ANY SIMILAR SITUATION ELSEWHERE ON THE JOB, EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.
- 4. THE STRUCTURE SHALL BE ADEQUATELY BRACED AND SHORED DURING ERECTION AGAINST WIND AND ERECTION LOADS. STRUCTURAL MEMBERS ARE DESIGNED FOR "IN-PLACE" LOADS ONLY.
- 5. THE GENERAL CONTRACTOR SHALL VERIFY ALL OPENING SIZES, PAD SIZES, AND LOCATIONS WITH THE RESPECTIVE CONTRACTORS.
- 6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.
- 7. THE VARIOUS SUBCONTRACTORS ARE RESPONSIBLE FOR PLACING SLEEVES, OUTLET BOXES, ANCHORS, VENT OPENINGS, ETC. THAT MAY BE REQUIRED IN FOUNDATION WALLS. CONSTRUCTION MANAGER SHALL COORDINATE ALL PLACEMENT OF ITEMS IN FOUNDATION WALLS.
- 8. SEE CIVIL PLANS FOR ADDITIONAL DETAILS AND INFORMATION.
- 9. ALL ELEVATIONS GIVEN ARE REFERENCED TO ELEVATIONS PROVIDED ON CIVIL PLANS.
- 10. WHERE GENERAL NOTES OR TYPICAL DETAILS CONTRADICT INFORMATION PROVIDED IN BUILDING SECTIONS, THE BUILDING SECTIONS TAKE PRECEDENCE.
- 11. ALL HOLES THROUGH CONSTRUCTION SHALL BE CORE DRILLED OR SAWCUT.
- 12. WHERE INFORMATION PROVIDED IN THESE STRUCTURAL DRAWINGS CONTRADICTS INFORMATION PROVIDED IN BUILDING SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE.

SPECIAL INSPECTIONS

- 1. REFER TO THE "STATEMENT OF SPECIAL INSPECTIONS" FOR THE LIST OF ELEMENTS OF CONSTRUCTION THAT SHALL REQUIRE SPECIAL INSPECTION. THIS SHALL BE CONSIDERED A GUIDE, AND THE CONTRACTOR AND INSPECTOR SHALL REFER TO THE IBC FOR COMPLETE REQUIREMENTS, QUALIFICATIONS, EXCEPTIONS, AND SUBMITTALS. REFER TO IBC SECTION 1704 FOR 2003-2009 CODES, AND SECTION 1705 FOR 2012-2015 CODES. THE OWNER SHALL EMPLOY A SPECIAL INSPECTION AGENCY APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE START OF WORK.
- 2. COPIES OF ALL INSPECTION REPORTS THAT REPORT COMPLIANCE SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, AND BUILDING INSPECTOR WITHIN 7 CALENDAR DAYS OF COMPLETION OF THAT PORTION OF WORK. A MINIMUM OF ONE (1) PROGRESS REPORT PER MONTH FOR EACH TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD.
- 3. SPECIAL INSPECTOR SHALL INFORM ENGINEER OF RECORD IMMEDIATELY OF NON-COMPLIANCE WITH CONSTRUCTION DOCUMENTS OR APPROVED SUBMITTALS. CONTACT ENGINEER OF RECORD THE SAME DAY NON-COMPLIANCE IS DISCOVERED AND FOLLOW UP WITH AN OFFICIAL REPORT WITHIN 2 BUSINESS DAYS.
- 4. THE SPECIAL INSPECTIONS IDENTIFIED ON THE PLANS ARE IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY A BUILDING INSPECTOR.
- 5. SPECIAL INSPECTIONS ARE NOTED AS EITHER "CONTINUOUS" OR "PERIODIC". A "CONTINUOUS" INSPECTION REQUIRES THE PRESENCE OF A QUALIFIED INSPECTOR IN THE VICINITY OF THE WORK BEING PERFORMED FOR 100% OF THAT WORK. A "PERIODIC" INSPECTION REQUIRES PART-TIME OBSERVATION OF THE WORK BEING PERFORMED. THE INSPECTOR SHALL ALSO OBSERVE THE FINAL CONDITION OF THE WORK BEFORE IT IS CLOSED FROM VIEW.
- 6. WHEN WORK IN MORE THAN ONE CATEGORY OF WORK REQUIRING SPECIAL INSPECTION IS TO BE PERFORMED SIMULTANEOUSLY, OR THE GEOGRAPHIC LOCATION OF THE WORK IS SUCH THAT IT CANNOT BE CONTINUOUSLY OBSERVED, IT SHALL BE THE RESPONSIBILITY OF THE AGENT TO EMPLOY A SUFFICIENT NUMBER OF SPECIAL INSPECTORS TO ASSURE THAT ALL WORK IS CONTINUOUSLY INSPECTED IN ACCORDANCE WITH THOSE PROVISIONS.

EXCAVATION AND EARTHWORK NOTES

- 1. WATER LEVELS INDICATED ON THE BORING LOGS MAY BE SUBJECT TO SEASONAL AND/OR ANNUAL VARIATIONS. A DEWATERING SYSTEM OF SUFFICIENT CAPACITY SHALL BE INSTALLED AND OPERATED TO MAINTAIN THE CONSTRUCTION AREA FREE OF WATER AT ALL TIMES.
- 2. THE BEARING VALUE OF THE SOILS IS PER REPORT BY: SCI DATED DECEMBER 1998. THE FOUNDATION DESIGN IS BASED ON THE FOLLOWING NET ALLOWABLE BEARING PRESSURES:
 - CONT. WALL FOOTINGS 2,000 psf
- 3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED, PRIOR TO CONCRETE PLACEMENT, BY A SOILS ENGINEER TO VERIFY SUITABLE BEARING MATERIAL OF CAPACITY AS SPECIFIED.
- 4. NOTIFY THE OWNER'S REPRESENTATIVE WHEN ADDITIONAL EXCAVATION IS REQUIRED TO REACH SUITABLE BEARING MATERIAL.
- 5. THE SOILS ENGINEER SHALL CERTIFY IN WRITING THAT ALL FOUNDATIONS WERE PLACED ON SOIL WITH THE BEARING VALUE AS SPECIFIED.
- 6. WITHIN THE EXCAVATION AREA OF FOUNDATIONS, ALL VEGETATION, TOPSOIL, PREVIOUSLY PLACED FILL AND UNSUITABLE SOILS SHALL BE REMOVED. ALL FOOTINGS TO BEAR ON VIRGIN SOIL OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL.
- 7. FOUNDATION DESIGN DOES NOT ACCOUNT FOR WINTER CONSTRUCTION. ANY UNENCLOSED / UNHEATED SPACES SHALL BE ADEQUATELY PROTECTED AGAINST FROST DURING WINTER CONSTRUCTION BY THE CONTRACTOR.
- 8. IF ANY SOFT SPOTS OR AREAS QUESTIONABLE FOR ANY REASON ARE ENCOUNTERED BY THE CONTRACTOR, ARCHITECT / ENGINEER SHALL BE NOTIFIED IMMEDIATELY SO THAT ANY REQUIRED ACTION MAY BE TAKEN PRIOR TO CONTINUATION OF CONSTRUCTION IN THAT AREA.

POST INSTALLED ANCHOR NOTES

POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER OF RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH EXISTING REBAR. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED ON THESE DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER OF RECORD ALONG WITH CALCULATIONS THAT ARE PREPARED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE CALCULATIONS SHALL DEMONSTRATE THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING, AT A MINIMUM, THE PERTINENT EQUIVALENT PERFORMANCE VALUES OF THE SPECIFIED PRODUCT USING THE BUILDING CODE.

- 1. TYPICAL POST-INSTALLED ANCHORS IN CONCRETE AND CMU SHALL COMPLY WITH THE LATEST OF THEIR RESPECTIVE ICC EVALUATION REPORTS.
- 2. WHEN INSTALLING ANCHORS IN CONCRETE AND CMU, CONTRACTOR SHALL LOCATE EXISTING REINFORCING STEEL, CONDUITS, ETC. PRIOR TO DRILLING FOR ANCHORS. CONTRACTOR SHALL USE CARE AND CAUTION TO PREVENT DAMAGE TO EXISTING REINFORCING BARS.
- 3. CONTRACTOR SHALL PROVIDE 1" MINIMUM CLEARANCE BETWEEN EDGES OF ANY HOLES FOR POST-INSTALLED ANCHORS AND EXISTING REINFORCING STEEL.
- 4. CONTRACTOR SHALL PROVIDE INSPECTION AND TESTING AS REQUIRED PER THE "SPECIAL INSPECTIONS" SECTION OF THESE GENERAL STRUCTURAL NOTES.

CONCRETE NOTES

- 1. ALL CONCRETE WORK INCLUDING FORMING, REINFORCING, MIXING, PLACING AND CURING SHALL BE DONE IN ACCORDANCE WITH THE ACI MANUAL OF CONCRETE PRACTICE INCLUDING "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 318, AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE", ACI 301 LATEST EDITIONS.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE MIX DESIGN SUPPLIER TO PROPORTION MIXES APPROPRIATELY TO REACH THE REQUIRED DESIGN STRENGTH NOTED, AND SHALL BE APPROPRIATE FOR THEIR INTENDED USE. ADMIXTURES ARE OPTIONAL, HOWEVER, AIR-ENTRAINING ADMIXTURES SHALL BE USED FOR CONCRETE EXPOSED TO THE EXTERIOR OR FREEZE-THAW CYCLES.
- 3. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR EACH INTENDED USE ON THE PROJECT FOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD. CONTENTS OF THE MIX DESIGN SHALL COMPLY WITH, AND INCLUDE ALL INFORMATION REQUIRED BY, ACI 318, CHAPTER 5. THIS INCLUDES, BUT IS NOT LIMITED TO NUMBER OF TESTS AND AGE OF TESTS INCLUDED IN THE MIX DESIGN REPORT.
- 4. ALL CONCRETE DENSITY SHALL BE NORMAL WEIGHT (145 pcf +/- 5) UNLESS OTHERWISE INDICATED. LIGHT WEIGHT CONCRETE SHALL BE 110 pcf +/- 5, UNO.
- 5. FLY ASH ALLOWANCES:
 - 20% MAXIMUM BY WEIGHT IN FOOTINGS
 - 15% MAXIMUM BY WEIGHT IN SLABS
 - 0% (NONE) ALLOWED IN SLABS USED FOR CASTING TILT-UP PANELS
 - 0% (NONE) ALLOWED IN TILT-UP PANELS
- 6. COORDINATE CONCRETE WORK WITH THAT OF OTHER TRADES TO ALLOW FOR SETTING OF SLEEVES, ACCESSORIES, ETC.
- 7. ALL REINFORCING STEEL, ANCHOR RODS, DOWELS, AND INSERTS SHALL BE WELL-SECURED IN POSITION PRIOR TO PLACING CONCRETE.
- 8. TEST CYLINDERS WILL BE REQUIRED (4 MINIMUM), AND RECORDS OF RESULTS SHALL BE SUBMITTED TO ENGINEER OF RECORD (1 AT 7 DAYS, AND 2 AT 28 DAYS). SLUMP TESTS ARE RECOMMENDED.
- 9. CONSTRUCTION JOINTS IN CONCRETE INDICATED WITH A ROUGH, CLEAN SURFACE SHALL HAVE A 1/4" AVERAGE AMPLITUDE.
- 10. ALL COLD JOINTS SHALL BE ROUGHENED AND CLEANED PRIOR TO PLACING CONCRETE.
- 11. ALL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH THE FOLLOWING:
 - (A) TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. "N" IN COLUMN INDICATES THE ADDITION OF ENTRAINED AIR IS NOT REQUIRED, BUT IS PERMITTED.

Table with 4 columns: INTENDED USE, MINIMUM 28 DAY STRENGTH f'c, MAX WATER-CEMENT RATIO, TOTAL AIR LIMITS (MAX % RATIO) (A). Rows include RETAINING WALLS (4 ksi, 0.48, 6) and ALL CONCRETE NOT OTHERWISE SPECIFIED (4 ksi, 0.40, 6).

REINFORCING STEEL NOTES

- 1. NON-WELDED STEEL BAR REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. WELDED STEEL BAR REINFORCING SHALL CONFORM TO ASTM A706.
- 2. WELDING OF REINFORCING STEEL SHALL BE PERFORMED BY A W.S. QUALIFIED WELDERS IN CONFORMANCE WITH A.W.S. D1.1 USING E90 ELECTRODES FOR ASTM A615 REBAR, AND E80 ELECTRODES FOR ASTM A706 REBAR UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 3. MINIMUM CONCRETE COVER FOR REINFORCING STEEL IN CAST-IN-PLACE (NON-PRESTRESSED) CONCRETE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE DRAWINGS:
 - CONCRETE CAST AGAINST EARTH = 3"
 - CONCRETE EXPOSED TO WEATHER:
 - #6 BAR AND LARGER = 2"
 - #5 BAR AND SMALLER = 1 1/2"
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER (SLABS, WALLS, & JOISTS):
 - #14 BARS AND LARGER = 1 1/2"
 - #11 BARS AND SMALLER = 3/4"
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER (BEAMS & COLUMNS):
 - PRIMARY REINFORCEMENT, TIES, STIRRUPS, & SPIRALS = 1 1/2"
- 4. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE LATEST EDITION OF ACI 315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
- 5. LAP SPLICE LENGTHS FOR BARS INSTALLED IN CONCRETE SHALL BE IN ACCORDANCE WITH THE TABLE.

DEVELOPMENT LENGTH OF STANDARD HOOKS IN TENSION NOTES

- 1. VALUES IN TABLE ARE BASED ON 60 KSI REBAR. FOR OTHER REBAR YIELD STRENGTHS, MULTIPLY VALUES IN THE TABLE BY THE SPECIFIED YIELD STRENGTH DIVIDED BY 60.
- 2. SEE ACI 318 SECTION 12.5 FOR ALLOWABLE REDUCTIONS IN DEVELOPMENT LENGTH. IT SHALL NOT BE LESS THAN 8 BAR DIAMETERS OR 6 INCHES.

Table with 5 columns: BAR SIZE, f'c = 3,000 psi, f'c = 3,500 psi, f'c = 4,000 psi, f'c = 5,000 psi. Rows #3 to #11.

TENSION LAP SPLICE LENGTH - 60 KSI REBAR NOTES

- 1. FOR HORIZONTAL BARS, VALUES IN THE TABLE SHALL BE MULTIPLIED BY 1.3 WHERE MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE BAR.
- 2. LAP SPLICES IN TENSION ARE NOT PERMITTED FOR BAR LARGER THAN #11. A FULL MECHANICAL OR FULL WELDED SPLICE SHALL DEVELOP AT LEAST 1.25fy OF THE BAR.
- 3. WHERE CLEAR SPACING OF BARS BEING SPLICED IS AT LEAST 2 BAR DIAMETERS AND CLEAR COVER AT LEAST 1 BAR DIAMETER, USE CASE 1. FOR ALL OTHER BAR ARRANGEMENTS, USE CASE 2.
- 4. VALUES IN THE TABLE ARE BASED ON 60 KSI REBAR. FOR OTHER REBAR YIELD STRENGTHS, MULTIPLY VALUES IN THE TABLE BY THE SPECIFIED YIELD STRENGTH DIVIDED BY 60.
- 5. WHERE BARS OF DIFFERENT SIZES ARE SPLICED, PROVIDE THE LAP LENGTH OF THE LARGER BAR.
- 6. REBAR IN ALL CONCRETE MEMBERS SHALL BE SPLICED IN ACCORDANCE WITH "TENSION LAP SPLICE LENGTH" TABLE, UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.

Table with 9 columns: f'c =, 3,000psi, 3,000psi, 3,500psi, 3,500psi, 4,000psi, 4,000psi, 5,000psi, 5,000psi. Rows BAR SIZE #3 to #11, CASE 1, CASE 2.

SPECIAL INSPECTIONS - SOILS AND FOUNDATIONS TABLE

Table with 3 columns: ITEM, INSPECTION FREQUENCY, SCOPE. Rows SOILS PERIODIC, SOILS CONTINUOUS.

SPECIAL INSPECTIONS - CONCRETE TABLE

Table with 3 columns: ITEM, INSPECTION..., SCOPE. Rows REINFORCEMENT PERIODIC, ANCHOR INSTALLATION PERIODIC, ANCHOR INSTALLATION CONTINUOUS, MIX DESIGN PERIODIC, SAMPLING AND TESTING CONTINUOUS, CONCRETE PLACEMENT PERIODIC, CONCRETE PLACEMENT PERIODIC, CONCRETE PLACEMENT CONTINUOUS.

BUILDING CODES AND STANDARDS USED FOR DESIGN

- 1. INTERNATIONAL BUILDING CODE 2009 EDITION

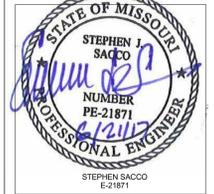
DESIGN LOADS

Table with 2 columns: DESIGN LOADS, VALUE. Includes ACTIVE EARTH PRESSURE (35 PSF PER FOOT OF SOIL DEPTH FOR FREE-DRAINING GRANULAR BACKFILL) and LIVE LOAD SURCHARGE (100 PSF).

SHOP DRAWING NOTES

- 1. SHOP DRAWINGS, UNLESS OTHERWISE NOTED, SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2. PRIOR TO SUBMITTAL, THE CONTRACTOR AND ARCHITECT SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR AND ARCHITECT SHALL STAMP AND SIGN THE DRAWINGS, INDICATING THAT THEY HAVE REVIEWED THEM, PRIOR TO SUBMITTAL TO ENGINEER.
- 3. SHOP DRAWINGS SHALL BE FURNISHED FOR ALL STRUCTURAL COMPONENTS.
- 4. STRUCTURAL DRAWINGS ARE THE SOLE PROPERTY OF AEDIFICA CASE ENGINEERING. REPRODUCTION OF STRUCTURAL DRAWINGS FOR USE IN SHOP DRAWING SUBMITTALS IS NOT ACCEPTABLE WITHOUT OUR WRITTEN AGREEMENT.
- 5. SCHEDULE SHALL ALLOW A MINIMUM OF 2 WEEKS FROM RECEIPT OF SHOP DRAWINGS FOR AEDIFICA CASE ENGINEERING TO PROVIDE RESPONSE.

Adifica case engineering logo and contact information: 796 Menus Court, St. Louis, MO 63026. Includes mechanical, electrical, plumbing, fire structural services.



MISSOURI RUSH SOCCER CLUB logo and address: 4160 Ehlmann Rd, St. Peters, MO 63376.

MISSOURI RUSH SOCCER PARK RETAINING WALL CALEDONIA DR. OF FALLON, MO 63368.

Table with 3 columns: No., Description, Date. Header: REVISIONS.

GENERAL NOTES section with Project # ZZMR-07-01-2017, Issue Date 6/21/2017, Drawn by AEM, Checked by SJS, and a large S1.1 scale indicator.