



RADIUS BREWING COMPANY

610 MERCHANT STREET Emporia, Kansas





SHEET NAME Floor Plan

Issue: SD
Project #: 12-15
Filename: A1.mcd
Issue Date: 1/18/13
SHEET NUMBER

SECTION 09 29 00 GYPSUM BOARD

2.0 PRODUCTS

2.1 GYPSUM BOARD, GENERAL

A. Size: Provide maximum lengths and widths available that will minimize joints in each area and that correspond with support

2.2 INTERIOR GYPSUM BOARD

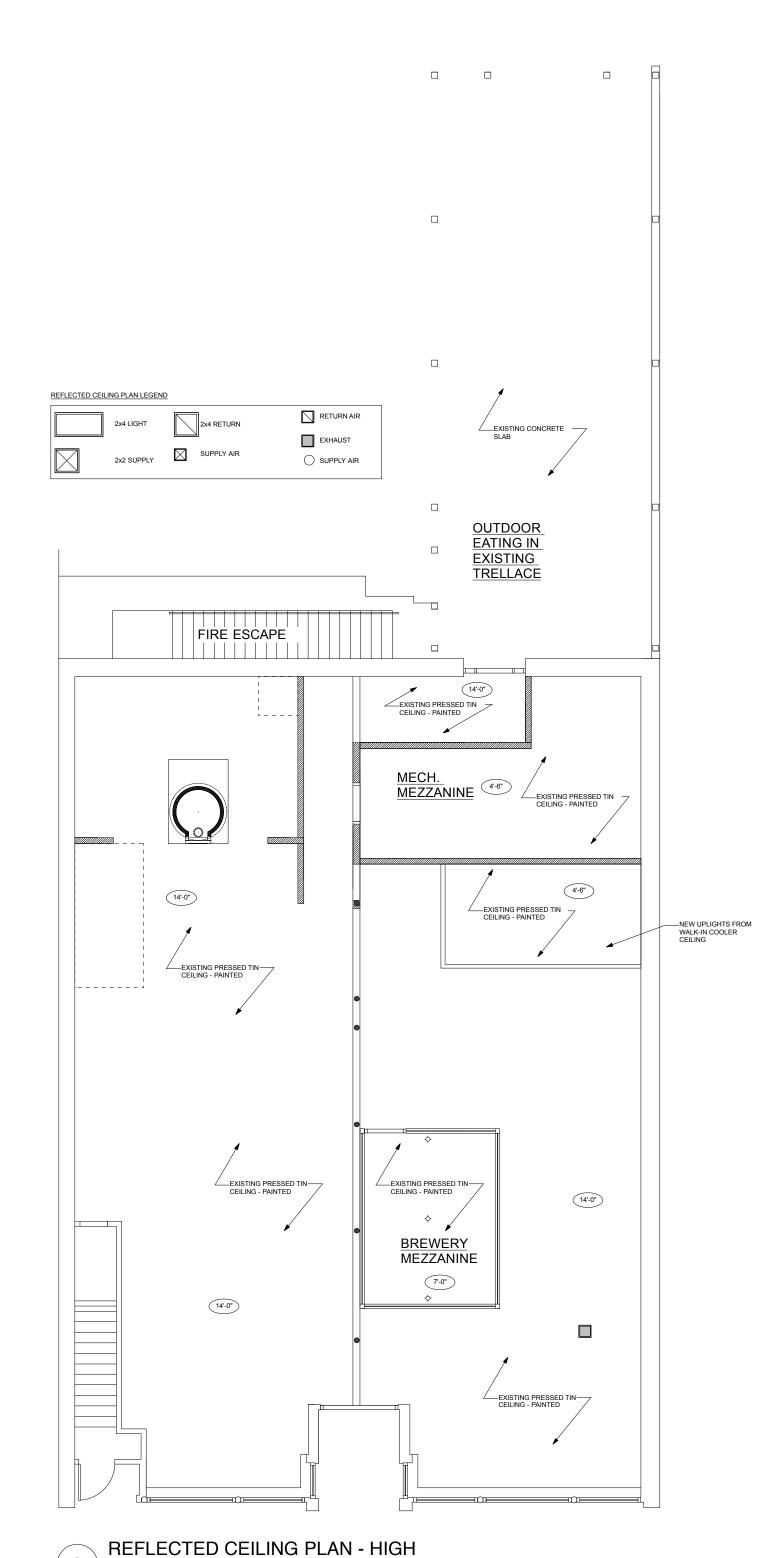
A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be

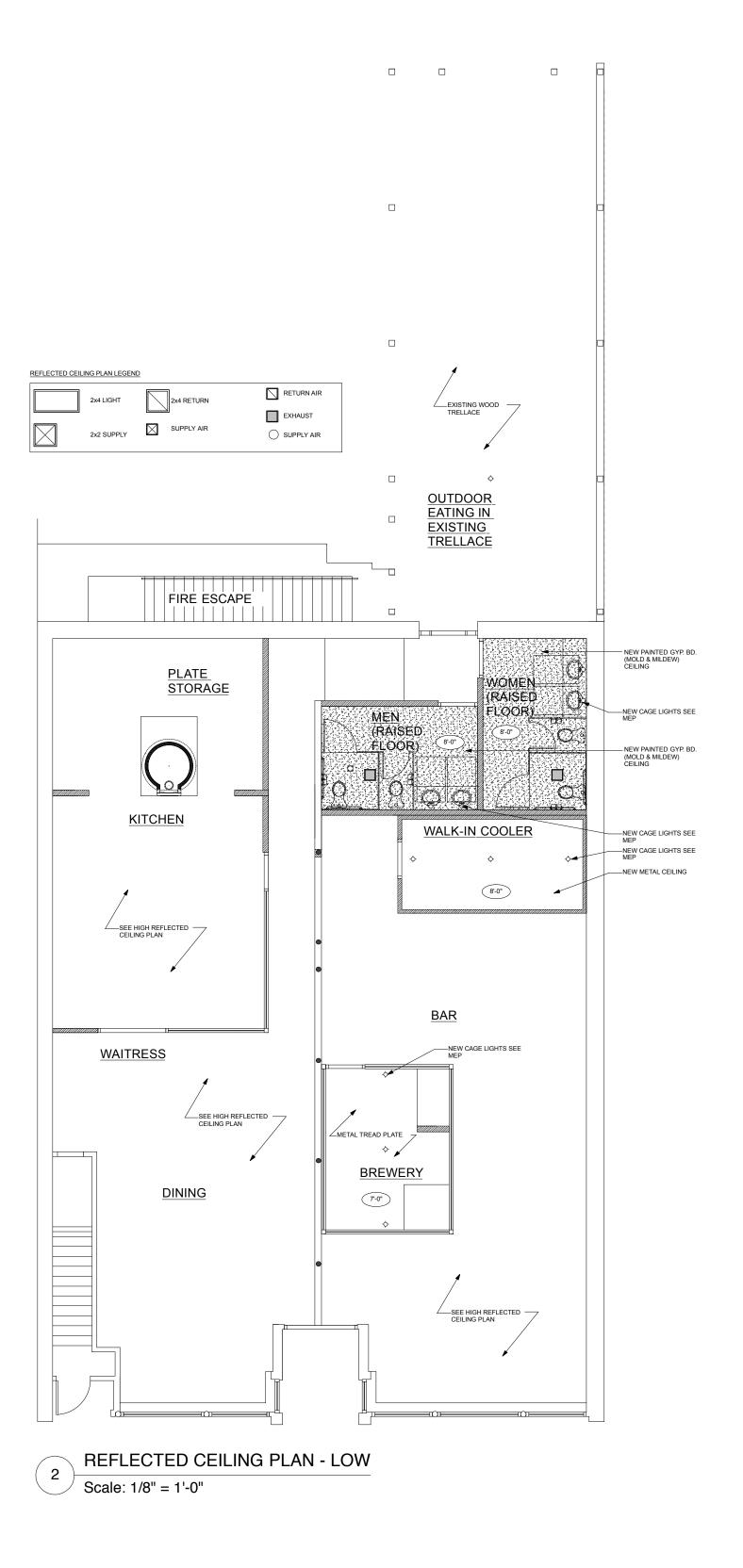
- incorporated into the Work include, but are not limited to, the following:
- CertainTeed Corp. Georgia-Pacific Gypsum LLC.
- National Gypsum Company.
- 4. USG Corporation.
- B. Moisture- and Mold-Resistant Gypsum Board: ASTM C 1396/C 1396M. With moisture- and mold-resistant core and paper surfaces. At restroom.
- 1. Core: 1/2 inch.
- Long Edges: Tapered. 3. Mold Resistance: ASTM D 3273, score of 10.
- C. Gypsum Board: At remainder interior partition walls
- 1. Core: 1/2 inch.
- 2.4 JOINT TREATMENT MATERIALS
- A. General: Comply with ASTM C 475/C 475M.
- B. Joint Tape: Interior Gypsum Board: Paper.
- C. Joint Compound for Interior Gypsum Board: For each coat use formulation that is compatible with other
- compounds applied on previous or for successive coats. Prefilling: At open joints, and damaged surface areas, use setting-type taping compound.
- 2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use setting-type
- Fill Coat: For second coat, use drying-type, all-purpose compound. 4. Finish Coat: For third coat, use drying-type, all-purpose compound.
- 2.5 AUXILIARY MATERIALS
- A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's
- B. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.
- Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch thick.
- For fastening cementitious backer units, use screws of type and size recommended by panel manufacturer.
- C. Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by
- combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool. D. Acoustical Joint Sealant: Manufacturer's standard nonsag, paintable, nonstaining latex sealant complying with ASTM C 834. Product effectively reduces airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.

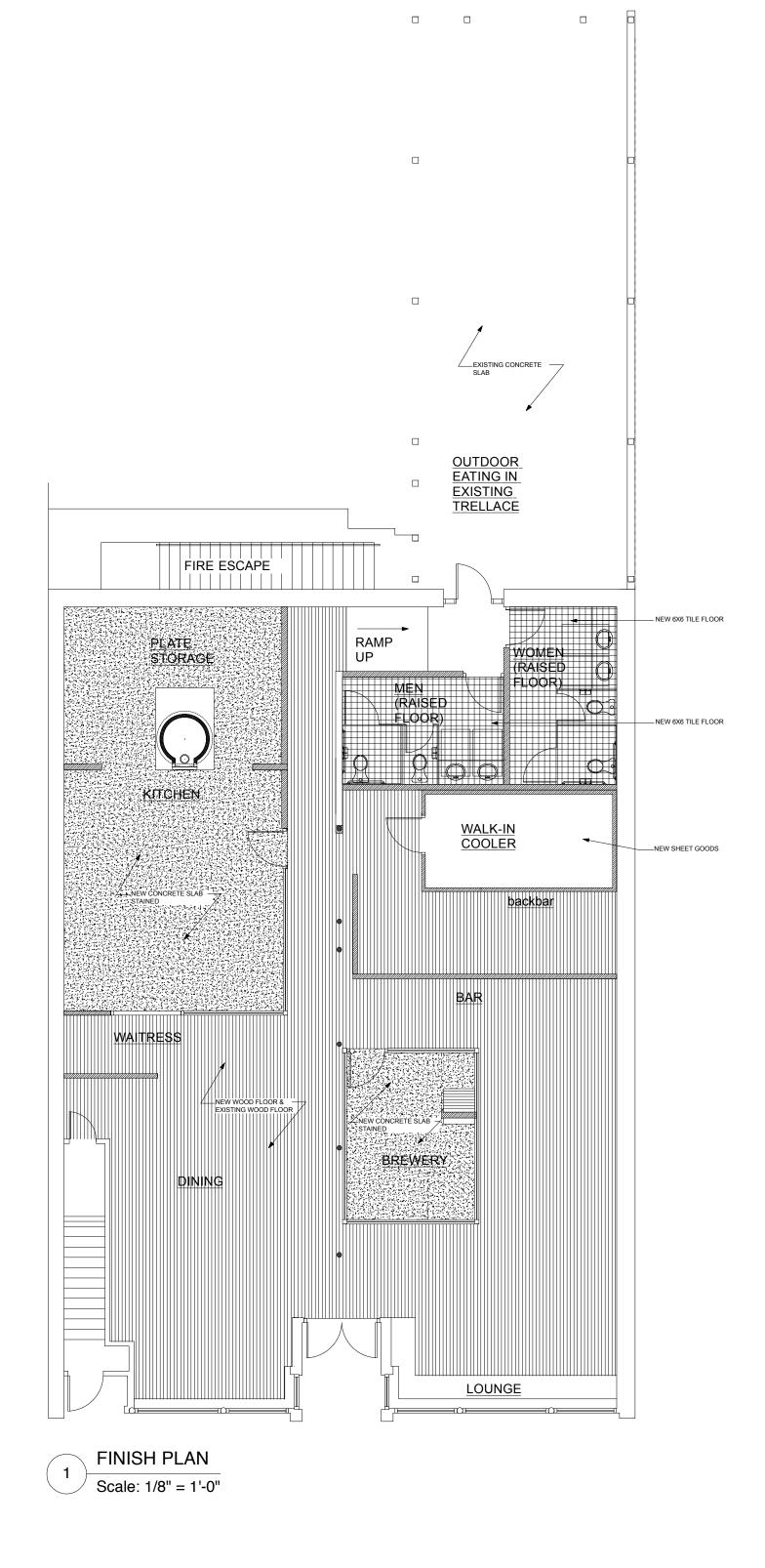
PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and substrates including welded hollow-metal frames and framing, with Installer present, for
- compliance with requirements and other conditions affecting performance. B. Examine panels before installation. Reject panels that are wet, moisture damaged, and mold damaged.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.
- 3.2 APPLYING AND FINISHING PANELS, GENERAL
- A. Comply with ASTM C 840.
- B. Install ceiling panels across framing to minimize the number of abutting end joints and to avoid abutting end joints in central area of each ceiling. Stagger abutting end joints of adjacent panels not less than one framing member.
- C. Install panels with face side out. Butt panels together for a light contact at edges and ends with not more than 1/16 inch of
- open space between panels. Do not force into place. D. Locate edge and end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Do not place tapered edges against cut edges or ends. Stagger vertical ioints on opposite sides of partitions. Do not make joints other than control joints at corners of framed openings.
- E. Form control and expansion joints with space between edges of adjoining gypsum panels. F. Isolate perimeter of gypsum board applied to non-load-bearing partitions at structural abutments, except floors. Provide 1/4- to 1/2-inch- wide spaces at these locations and trim edges with edge trim where edges of panels are exposed. Seal
- joints between edges and abutting structural surfaces with acoustical sealant. G. STC-Rated Assemblies: Seal construction at perimeters, behind control joints, and at openings and penetrations with a continuous bead of acoustical sealant. Install acoustical sealant at both faces of partitions at perimeters and through penetrations. Comply with ASTM C 919 and with manufacturer's written recommendations for locating edge trim and closing off sound-flanking paths around or through assemblies, including sealing partitions above acoustical ceilings.
- H. Install sound attenuation blankets before installing gypsum panels unless blankets are readily installed after panels have
- 3.3 APPLYING INTERIOR GYPSUM BOARD
- A. Install interior gypsum board in the following locations:
- Moisture- and Mold-Resistant Type: All toilet rooms and in other rooms within 8 feet of sinks.
- 3.4 INSTALLING TRIM ACCESSORIES
- A. General: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.
- 3.5 FINISHING GYPSUM BOARD
- A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.
- B. Prefill open joints and damaged surface areas.
- C. Apply joint tape over gypsum board joints, except for trim products specifically indicated as not intended to receive tape.D. Gypsum Board Finish Levels: Finish panels to levels indicated below and according to ASTM C 840:
- 1. Level 5: At gypsum board sections less than 24 inches wide. Apply skim coat of joint compound over entire surface
- using full width blade to provide a flat surface from corner to corner.
- 3.6 PROTECTION
- A. Protect adjacent surfaces from drywall compound and promptly remove from floors and other non-drywall surfaces. Repair surfaces stained, marred, or otherwise damaged during drywall application.
- Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes
- during remainder of the construction period. C. Remove and replace panels that are wet, moisture damaged, and mold damaged.
- Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
- Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination









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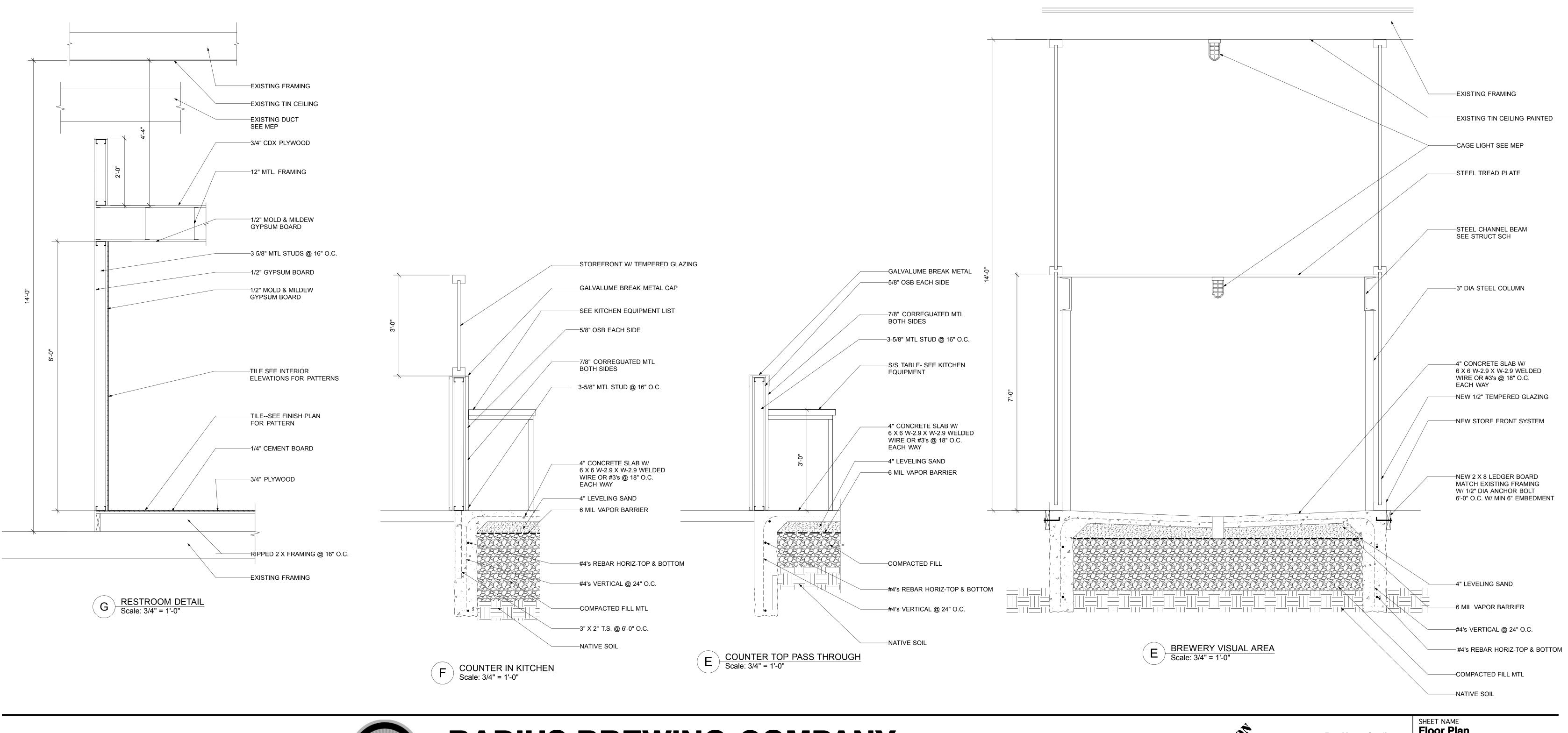




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Floor Plan

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- 1.) CODES, SPECIFICATIONS AND STANDARDS (LATEST EDITIONS, U.N.O.)
- ALL CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE FOLLOWING CODES, SPECIFICATIONS AND STANDARDS, EXCEPT WHERE NOTED TO THE CONTRARY ON DRAWINGS AND SPECIFICATIONS OR WHERE MORE STRINGENT REQUIREMENTS ARE SPECIFIED OR SHOWN:
- MCIB "SPECIFICATIONS FOR CONCRETE WORK"
- 2.) ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE (2006) AS AMENDED AND ADOPTED BY THE CITY OF EMPORIA, KANSAS. ADDITIONAL WORK SHALL BE IN COMPLIANCE WITH THE 2006 UPC, 2003 UMC, 2005 NEC, 1997 UFC, AND APPLICABLE CITY OF EMPORIA BUILDING AND CONSTRUCTION REGULATIONS.
- 3.) THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH THE 2006 IBC
- A. CONCRETE PLACEMENT B. COLTS INSTALLED IN CONCRETE
- C. STRUCTURAL WELDING D. HIGH-STRENGTH BOLTING
- GENERAL:
- THESE DRAWINGS ARE BASED UP UPON AVAILABLE INFORMATION. BEFORE EXECUTING ANYTHING HEREIN SHOWN, EXAMINE ACTUAL JOB CONDITIONS. REPORT ANY DISCREPANCY, ERROR, OMISSION, OR DIFFICULTY AFFECTING THE WORK TO THE STRUCTURAL ENGINEER FOR REVIEW. COMMENCEMENT OF WORK CONSTITUTES VERIFICATION AND ACCEPTANCE OF EXISTING CONDITIONS.
- ALL DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- DO NOT SCALE THE DRAWINGS. CALCULATE REQUIRED DIMENSIONS. ALL DIMENSIONS SHOWN ARE TO THE FINISHED FACE OF MATERIAL UNLESS OTHERWISE INDICATED.
- 4. ANY EXISTING SURFACES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED PRIOR TO COMPLETION OF WORK.
- 5. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK AS SHOWN OR INFERRED BY THE DRAWINGS.

CONCRETE CONSTRUCTION:

- CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE DOCUMENTS, ACI-301, 305, 306, 315, 318, AND 347 AND CONCRETE REINFORCING STEEL INSTITUTE MANUAL OF STANDARD PRACTICE UNLESS OTHERWISE NOTED IN THESE CONTRACT DOCUMENTS.
- 2. CONCRETE FOR FOOTINGS: F'c = 3,000 psi (28 DAY).
- 3. CONCRETE FOR FLATWORK: F'c = 3,500 psi (28 DAY).
- 4. REINFORCING STEEL:
- A. ASTM A615 GRADE 60 STEEL B. MINIMUM SPLICE LAP = 40 BAR DIAMETERS
- C. HORIZONTAL REINFORCING STEEL SHALL BE CONTINUOUS AROUND THE CORNERS AND SHALL MEET THE REQUIREMENTS OF MINIMUM SPLICE LAP. D. WELDED WIRE REINFORCEMENT SHALL MEET ASTM A706, GRADE 60.
- CONCRETE SLUMP SHALL BE A MAXIMUM OF 4" (±1") (ASTM C-143) AS DELIVERED IN THE FIELD. CONTRACTOR MAY USE CHEMICAL ADMIXTURES TO ATTAIN A MAXIMUM SLUMP OF 8" FOR WORKABILITY.
- 6. AGGREGATE SIZE = 3/4" (MAXIMUM)
- THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN ANY CONCRETE POURS UNLESS SHOWN ON THE PLANS OR APPROVED IN WRITING
- 8. PLACEMENT OF WELDED SMOOTH WIRE FABRIC SHALL BE CONTINUOUS ACROSS THE ENTIRE CONCRETE SURFACE AND PROPERLY LAPPED ONE CROSS WIRE SPACING PLUS TWO (2) INCHES.
- 9. REINFORCING STEEL COVERAGE SHALL BE IN ACCORDANCE WITH ACI 315 UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- 10. MINIMUM CLEAR COVERAGE OF CONCRETE OVER REINFORCING STEEL SHALL NOT BE LESS THAN THE FOLLOWING (UNLESS NOTED OTHERWISE)
 - CONCRETE PLACED AGAINST TRENCHED EARTH CONCRETE PLACED AGAINST FORM IN EARTH UN-TIED ELEMENTS (ELEVATED SLABS AND WALLS) TIED ELEMENTS (COLUMNS AND ELEVATED BEAMS)
- 11. FLY ASH MAY BE USED AT A RATE NOT TO EXCEED 15% OF THE TOTAL CEMENT CONTENT
- 12. CONCRETE EXPOSED TO WEATHER, PARKED VEHICLES, AND/OR DEICING CHEMICAL SHALL CONTAIN 6% (±1%) ENTRAINED AIR BY VOLUME.
- 13. STIRRUPS AND TIES SHALL COMPLY WITH CONCRETE REINFORCING STEEL INSTITUTE (CRSI) SUPPLEMENTARY REQUIREMENTS FOR IMPROVED BENDABILITY.
- 14. DELETED
- 15. MINIMUM LAP DISTANCE AND HOOK LENGTHS SHALL BE AS FOLLOWS:

BAR	MIN. LAP	90° HOOK	
#3	15"	6"	
#4	20"	8"	
#5	24"	10"	
#6	30"	12"	
#7	42"	14"	
#8	48"	16"	
#9	54"	18"	

16. AT ALL HOLES IN CONCRETE SLABS AND SLABS-ON-GRADE, ALONG EACH SIDE OF THE HOLE PLACE (2)-#4 BARS (ONE TOP, ONE BOTTOM) CONTINUOUS, EXTENDING 2'-0" STRAIGHT BEYOND THE CORNERS.

DESIGN LOAD:

BASICS:

WIDTH = AS SHOWN LENGTH = AS SHOWN EAVE HEIGHT = AS SHOWN SLOPE = AS SHOWN

LOADING: DEAD LOAD = 20 PSF COLLATERAL DEAD LOAD = 0 PSF ROOF LIVE LOAD = 20 PSF FRAME LIVE LOAD = 12 PSF

SNOW LOAD = 20 PSF

WIND LOADING: SPEED = 90 MPH EXPOSURE = TYPE B STRUCTURE TYPE = CLOSED IMPORTANCE = 1.00

> OTHER: SEISMIC ZONE = 1

EPOXY ANCHORING:

- 1. WHERE PERMITTED IN THE DRAWINGS, DRILL CLEAN HOLES FOR EPOXYING REINFORCING OR ANCHORS INTO POST-CAST CONCRETE, NOT TO EXCEED 1.5 TIMES THE DIAMETER OF THE BAR OR ANCHOR BEING INSTALLED. PRIOR TO EPOXYING, THE HOLES SHALL BE CLEANED OF
- 2. THE BAR OR ANCHOR SHALL BE DRILL TO SUCH DEPTH, AS SPECIFIED BY THE MANUFACTURER OF THE EPOXY PRODUCT, TO EFFECTIVELY DEVELOP 2.5 TIMES THE YIELD FORCE, THAT IS, GIVEN THE MINIMUM SPECIFIED YIELD STREES "FY" AND THE CROSS-SECTIONAL AREA "A" OF THE BAR OR ANCHOR BEING INSTALLED, THE ANCHOR CAPACITY MUST BE GREATER THAN 2.5 x FY x A.

MISCELLANEOUS NOTES:

- CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONTRACT DOCUMENTS AND LATEST ADDENDA FOR THE PROJECT. SAID DOCUMENTATION SHALL BE SUBMITTED TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS, AS NECESSARY, PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF STRUCTURAL MEMBERS, AND FIELD CONSTRUCTION.
- 2. DRAWING CONFLICTS. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL COMPARE THE SURVEY, CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS AND REPORT ANY DISCREPANCY BETWEEN OR WITHIN THE DRAWINGS. ANY ERROR, OMISSION, OR DISCREPANCY SHALL BE REPORTED TO THE ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBER.
- RESPONSIBILITY OF THE CONTRACTOR FOR STABILITY OF THE STRUCTURE DURING CONSTRUCTION. ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT MAY OCCUR IN THE COMPLETED STRUCTURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERTICAL AND LATERAL BRACING THROUGHOUT CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF THE STRUCTURAL ELEMENTS THROUGH AND DURING CONSTRUCTION.
- 4. <u>CONFLICT OF STRUCTURAL REQUIREMENTS.</u> WHERE ANY CONFLICT EXISTS BETWEEN STRUCTURAL COMPONENTS, DOCUMENTS, DRAWINGS, NOTES, OR SPECIFICATIONS, THE STRICTEST OF THE REQUIREMENTS SHALL GOVERN UNLESS SPECIFIED, IN WRITING, OTHERWISE BY THE
- CONTRACTOR SUBSTITUTIONS. ANY SUBSTITUTIONS SUBMITTED BY THE CONTRACTOR WHICH VARY FROM THE STRUCTURAL SPECIFICATIONS WILL BE REVIEWED FOR APPROVAL ONLY IF THE PROPER DOCUMENTATION IS PROVIDED AND ACCEPTABLE TO THE ENGINEER. PROPER DOCUMENTATION SHALL CONSIST OF (A) A COST SAVINGS TO THE OWNER WHICH IS DOCUMENTED AND SUBMITTED WITH THE REQUEST AND (B) THE MATERIAL HAS BEEN APPROVED BY THE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS (ICBO) AND THE ICBO REPORT/DOCUMENTATION IS SUBMITTED WITH THE REQUEST. SUBMITTALS NOT INCLUDING THIS DOCUMENTATION WILL NOT BE CONSIDERED FOR REVIEW OR APPROVAL UNTIL SUCH REQUIREMENTS ARE MET.
- SITE OBSERVATION BY THE STRUCTURAL ENGINEER. THE PLAN DOCUMENTATION AND DRAWINGS REPRESENT THE FINISHED CONSTRUCTION AND, UNLESS SPECIFICALLY PROVIDED, DO NOT INDICATE A MEANS OF CONSTRUCTION. THE ENGINEER SHALL NOT HAVE CONTROL OVER OR BE RESPONSIBLE FOR CONSTRUCTION METHODS OR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK, FOR THE ACTS OF ANY PERSONS PERFORMING THE WORK, FOR THE OMISSION OF THE CONTRACTOR OR SUBCONTRACTORS, OR FOR THE FAILURE OF THE CONSTRUCTION TO BE CARRIED OUT AS SPECIFIED WITHIN THE PLAN DOCUMENTATION. PERIODIC SITE OBSERVATION WILL BE FOR THE PURPOSE OF DETERMINING IF CONSTRUCTION IS PROCEEDING IN ACCORDANCE WITH THE PLAN DOCUMENTATION. THE PERIODIC SITE OBSERVATION BY THE ENGINEER SHALL NOT BE EXHAUSTIVE, CONTINUOUS, OR AS AN IMPLIED INSPECTION OF THE WORK, BUT RATHER TO SAFEGUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

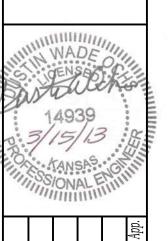
- 1. ALL SPREAD FOOTING FOUNDATIONS HAVE A DESIGN ALLOWABLE PRESSURE OF 2,000 NET PRESSURE.
- 2. GEOTECHNICAL STUDIES HAVE NOT BEEN COMPLETED.
- 3. ZONES OF SOIL ENCOUNTERED AT THE BOTTOM OF FOOTING EXCAVATIONS DEEMED INADEQUATE SHALL BE REPLACED OR REMEDIATED AS DIRECTED BY THE ENGINEER.
- 4. MOISTURE CONTENT OF THE SOIL SHALL NOT BE ALLOWED TO CHANGE AFTER EXCAVATION.
- 5. CONCRETE SHALL NOT BE PLACED ON FROZEN OR SATURATED GROUND.
- 6. THE BASE OF THE EXCAVATION SHALL BE FREE OF WATER AND LOOSE SOIL PRIOR TO PLACEMENT OF CONCRETE.
- 7. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNUSUAL SOIL CONDITIONS THAT ARE IN VARIANCE WITH THE PLAN DRAWINGS OR WHEN DIFFERENT BEARING MATERIAL IS EVIDENT AND THERE IS A QUESTION OF BEARING CAPACITY

ROUGH CARPENTRY:

- 1. ALL STRUCTURAL LUMBER SHALL BE S4S (OR BETTER) SOUTHERN PINE WITH A MAXIMUM MOISTURE CONTENT OF NINETEEN (19) PERCENT.
- 2. ALL NON-STRUCTURAL LUMBER SHALL BE NO. 2 DOUGLAS FIR OR LARCH (OR BETTER).
- 3. ALL MATERIAL IN CONTACT WITH EARTH OR CONCRETE SHALL BE ACQ TREATED (OR EQUAL).
- 4. ALL WOOD STRUCTURAL PANELS SHALL BE IDENTIFIED WITH THE APPROPRIATE GRADE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION (APA) AND SHALL MEET THE REQUIREMENTS OF PS-1 OR PS-2, RESPECTIVELY, UNLESS NOTED OTHERWISE ON THE DRAWINGS. WALL PANELS TO BE USED ON THE EXTERIOR SHALL BE COMPATIBLE WITH THE ARCHITECTURAL EXTERIOR FINISH SYSTEM.
- 5. ALL LAMINATED MEMBERS (MICROLAM, LAMINATED VENEER LUMBER, OR PARALLEL STRAND LUMBER) SHALL BE MANUFACTURED TO THE FOLLOWING MINIMUM PROPERTIES:]
 - A. ALLOWABLE BENDING STRESS = 2,600 PSI
- B. ALLOWABLE SHEAR STRESS = 285 PSI
- C. MODULUS OF ELASTICITY = 1,900,000 PSI
- 6. EXTERIOR STRUCTURAL WALL SHEATHING OVER WOOD STUDS SHALL BE 5/8" THICK, RATED FOR 250 LB/FT IN PLANE SHEAR, AND SHALL BE EITHER WATER-RESISTANT REINFORCE GYPSUM ("DENS GLASS GOLD" OR APPROVED EQUAL), OR ORIENTED STRAND BOARD (OSB). PROVIDE 1/8" GAP AROUND PANEL EDGES FOR THERMAL EXPANSION.
- 7. ALL BOLTS FOR CONSTRUCTION SHALL BE ASTM A307, GRADE A, OR ASTM A36.
- 8. ALL NAILS SHALL BE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- 9. ALL METAL FRAMING ACCESSORIES ARE STANDARDS OF SIMPSON STRONG-TIE AND ARE TO BE ATTACHED AS PER THE SIMPSON STRONG-TIE RECOMMENDATIONS.
- 10. HEADERS, BEAMS, AND LINTELS SHALL BE CONSTRUCTED AS PER THE DRAWINGS WITH A MINIMUM OF TWO (2) BEARING STUDS AND TWO (2) FULL-HEIGHT STUDS AT ALL OPENINGS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 11. JOIST SHALL HAVE A MINIMUM OF 2" BEARING, JOIST FRAMING INTO THE SIDE OF BEAM OR LEDGER SHALL BE SUPPORTED BY JOIST HANGERS.
- 12. STRUCTURAL PANELS SHALL BE PLACED WITH THE FACE GRAIN PERPENDICULAR TO THE SUPPORTING MEMBERS WITH THE END JOINTS STAGGERED FOUR (4) FEET, TYPICALLY.
- 13. THE QUALITY AND SIZE OF FASTENERS SHALL BE IN ACCORDANCE WITH THE CODE OF RECORD, UNLESS OTHERWISE NOTED ON THE DRAWINGS
- 14. UNLESS NOTED OTHERWISE, FRAMING MEMBERS COMPRISED OF MULTIPLE LVLS SHALL BE ATTACHED TO ONE ANOTHER ALONG THEIR ENTIRE LENGTH WITH 2 ROWS OF SCREWS AT 16" O.C. FROM EACH SIDE. SCREWS SHALL PENETRATE ALL MEMBERS, WITH MINIMUM EMBED OF 1-1/4"
- 15. EXISTING STRUCTURAL MEMBERS SHALL NOT BE CUT OR RELOCATED TO INSTALL MECHANICAL EQUIPMENT OR EXHAUST AND VENTILATION DUCTING.

CONSUL 'ENGINEERING (KANSAS TRAL





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TRUCTURAL NOTES
RADIUS BREWERY
MERCHANT STREET

Date: Mar. 15,201 Designed: DWO Drawn: Checked: DWO

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Proj. No. 2013.008

CENTRAL KANSAS ENGINEERING CONSULTANTS, CIVIL, ENGINEERING - PLANNING - CONSTRUCTION MANAGEMENT

PLAN VIEW
RADIUS BREWERY
610 MERCHANT STREET

Date: Mar. 15, 2013 Designed: DWO Drawn: KHG Checked: DWO

13.008 Proj. No. Sheet No:

