GENERAL NOTES:

1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE THE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO THE GENERAL NOTES. INCONSISTENCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND SITE DRAWINGS. THE CONTRACTOR/CONSTRUCTION MANAGER SHALL COORDINATE LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, ETC.
3. ALL DIMENSIONS AND COORDINATES SHALL BE FIELD VERIFIED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
4. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
5. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS.
6. THE CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS.
7. REFERENCE ELEVATION 100'-0" ON STRUCTURAL DRAWINGS IS EQUAL TO EXISTING TOP OF CONCRETE AT GROUND LEVEL.

DESIGN NOTES:

1. THIS BUILDING IS DESIGNED TO COMPLY W/ THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE AND ASCE 7-05 "MINIMUM DESIGN LOADS FOR BUILDINGS & OTHER STRUCTURES.
2. FLOOR LIVE LOADS ARE:
   A. STRUCTURAL SLAB AND ELEVATED FLOORS = 50 PSF + 20 PSF
   PARTITION ALLOWANCE.
3. DEAD LOADS ARE THE ACTUAL WEIGHTS OF COMPONENTS PLUS AND ALLOWANCE OF 5 PSF FOR MISCELLANEOUS DUCTWORK, SPRINKLER PIPING AND OTHER HUNG ITEMS. DO NOT SUPPORT HEAVIER ITEMS FROM STRUCTURE UNLESS APPROVED.
4. SCOPE OF WORK DOES NOT INCLUDE ADDITION OR MODIFICATION OF COMPONENTS EXPOSED TO SNOW OR WIND.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318-08 AND 301-05. CEMENT SHALL COMPLY WITH ASTM C150 TYPE II; AGGREGATES (NORMAL WEIGHT) SHALL COMPLY WITH ASTM C33.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 4000 PSI UNLESS OTHERWISE NOTED; SUBMIT DESIGN MIX FOR REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. INCLUDE MATERIAL CERTIFICATES FOR CEMENTITIOUS MATERIALS, ADMIXTURES AND AGGREGATES. EACH ADMIXTURE, AGGREGATE AND CEMENTITIOUS PRODUCT SHALL BE SOURCED FROM A SINGLE DISTRIBUTOR AND MANUFACTURER.
3. ALL CONCRETE EXPOSED TO FREEZING SHALL HAVE A 6% AIR CONTENT (+/-1%). ALL THE OTHER CONCRETE SHALL BE N0N-AIR ENTRAINED, WITH 3.0% MAXIMUM AIR CONTENT.
4. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND. WHEN AVERAGE OF HIGH AND LOW TEMPERATURE IS EXPECTED TO FALL BELOW 40° (F) FOR THREE DAYS PROVIDE BLANKETS OR OTHER MEANS OF PROTECTION FOR CURING CONCRETE IN CONFORMANCE WITH ACI 301. DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW.
5. CONSOLIDATE CONCRETE WITH MECHANICALLY VIBRATING EQUIPMENT IN ACCORDANCE WITH ACI 301; CONTRACTOR IS TO HAVE TWO (2) OPERATIONAL VIBRATORS AT THE WORK SITE TO SAFEGUARD AGAINST MECHANICAL FAILURE DURING PLACEMENT.
6. REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI 315-LATEST EDITION. REINFORCING SHALL BE INSPECTED PRIOR TO PLACEMENT OF CONCRETE.
7. REINFORCEMENT SHALL HAVE THE FOLLOWING COVER:
   a. CAST AGAINST EARTH: 3"
   b. EXPOSED TO EARTH AND/OR WEATHER:
      i. #6 TO #18: 2"
      ii. #5 AND SMALLER: 1 1/2"
8. SPLICES OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE NOTED ON DRAWINGS.
9. FORMWORK SHALL BE PLACED PLUMB AND SQUARE IN CONFORMANCE WITH ACI 117 TOLERANCES AND WITH AS FEW JOINTS AS PRACTICABLE. FORMS MAY BE SMOOTH OR ROUGH-FACED; PROVIDE BAR SUPPORTS AS REQUIRED TO ACHIEVE CLEARANCES REQUIRED. USE FORM RELEASE AGENTS AND FULLY STRIP ALL FORMWORK PRIOR TO BACKFILLING FOUNDATIONS.
10. CONCRETE SHALL BE TESTED BY THE CONTRACTOR'S AGENT. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C172. COPIES OF TEST REPORT SHALL BE SENT TO THE OWNER AND THE PROJECT STRUCTURAL ENGINEER.
    a. OBTAIN ONE SAMPLE FOR EACH DAY'S PLACEMENT EXCEEDING 5 CUBIC YARDS;
    b. TEST MIXTURE SLUMP AT POINT OF PLACEMENT ACCORDING TO ASTM C143, RETEST IF CONCRETE CONSISTENCY APPEARS TO CHANGE.
    c. TEST AIR ENTRAINMENT ACCORDING TO ASTM C231; PERFORM ONE TEST PER SAMPLE.
    d. COMPRESSION TEST: ASTM C39, TEST ONE SET OF TWO CURED SPECIMENS AT 7 DAYS AND ONE SET OF TWO CURED SPECIMENS AT 28 DAYS.
    e. PERFORM ADDITIONAL TESTS AS DIRECTED BY STRUCTURAL ENGINEER OF RECORD WHEN TESTING INDICATES CONCRETE REQUIREMENTS HAVE NOT BEEN MET. ADDITIONAL TESTING SHALL BE AT CONTRACTOR'S EXPENSE.
11. CORRECT ALL DEFICIENCIES IN THE WORK THAT TEST REPORTS OR INSPECTIONS INDICATE DO NOT COMPLY WITH THE CONSTRUCTION DOCUMENTS.
12. EMBEDDED ITEM INSTALLATION: PLACE AND SECURE ANCHORAGE DEVICES AND OTHER EMBEDDED ITEMS REQUIRED FOR ADJOINING WORK THAT IS ATTACHED TO OR SUPPORTED BY CAST-IN-PLACE CONCRETE. USE SETTING DRAWINGS, TEMPLATES, DIAGRAMS, INSTRUCTIONS, AND DIRECTIONS FURNISHED WITH ITEMS TO BE EMBEDDED. INSTALL ANCHOR RODS, ACCURATELY LOCATED, TO ELEVATIONS REQUIRED AND COMPLYING WITH TOLERANCES IN SECTION 7.5 OF AISC 303.
13. WATERSTOP INSTALLATION: FLEXIBLE WATERSTOPS: INSTALL IN CONSTRUCTION JOINTS AND AT OTHER JOINTS INDICATED TO FORM A CONTINUOUS DIAPHRAGM. INSTALL IN LONGEST LENGTHS PRACTICABLE. SUPPORT AND PROTECT EXPOSED WATERSTOPS DURING PROGRESS OF THE WORK. FIELD FABRICATE JOINT IN WATERSTOPS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
14. CONCRETE PLACEMENT: BEFORE PLACING CONCRETE, VERIFY THAT INSTALLATION OF FORMWORK, REINFORCEMENT, AND EMBEDDED ITEMS IS COMPLETE AND THAT REQUIRED INSPECTIONS ARE COMPLETED. DO NOT ADD WATER TO CONCRETE DURING DELIVERY, AT PROJECT SITE, OR DURING PLACEMENT UNLESS APPROVED BY ENGINEER OF RECORD. IF APPROVED, WATER ADDED AT PROJECT SITE MUST BE DONE BEFORE TEST SAMPLING AND PLACING CONCRETE AND SUBJECT TO LIMITATIONS OF ACI 301. DO NOT ADD WATER TO CONCRETE AFTER ADDING HIGH-RANGE WATER-REDUCING ADMIXTURES TO MIXTURE. DEPOSIT CONCRETE CONTINUOUSLY IN ONE LAYER OR IN HORIZONTAL LAYERS OF SUCH THICKNESS THAT NO NEW CONCRETE IS PLACED ON CONCRETE THAT HAS HARDENED ENOUGH TO CAUSE SEAMS OR PLANES OF WEAKNESS. IF A SECTION CANNOT BE PLACED CONTINUOUSLY, PROVIDE CONSTRUCTION JOINTS AS INDICATED. DEPOSIT CONCRETE TO AVOID SEGREGATION.
15. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GR. 36 UNLESS OTHERWISE NOTED ON DRAWINGS.
16. COMPLETE SHOP DRAWINGS OF ALL REINFORCING STEEL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK.

CONCRETE SLAB ON GRADE NOTES:

1. EXISTING SLAB ON GRADE IS A STRUCTURAL SLAB; DO NOT MAKE ANY CUTS THROUGH THE SLAB WITHOUT WRITTEN DIRECTION FROM STRUCTURAL ENGINEER OF RECORD.
2. VAPOR RETARDER SHALL BE ASTM E 1745, CLASS A. EDGE LAPS AND PENETRATIONS SHALL BE SEALED WITH MANUFACTURER'S RECOMMENED ADHESIVE OR PRESURE SENSATIVE TAPE. SUBMIT PRODUCT DATA TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW. VAPOR RETARDER IS NOT REQUIRED IF NOT PRESENT UNDER EXISTING SLAB.
3. BASE MATERIAL UNDER THE SLAB SHALL BE AS NOTED IN THE EARTHWORK NOTES. THE TOP SURFACE OF THE BASE SHALL BE LEVEL TO WITHIN 3/8" OF DESIGN GRADE.
4. ALL CONCRETE FLOOR SURFACES SHALL BE STEEL TROWELLED. FLOORS SHALL BE WET-CURED FOR A MINIMUM OF 7 DAYS. FOR THE FIRST 3 DAYS, THE TEMPERATURE OF APPLIED CURING WATER SHALL BE WITHIN 10 TO 15 DEGREES OF THE SLAB TEMPERATURE. SLAB SHALL BE COVERED WITH NON-WOVEN GEOTEXTILE FABRIC AND POLYETHYLENE SHEET.
5. AFTER 7 DAYS OF CURING, THE FLOOR SHALL BE CLEANED OF ALL DIRT, OIL, AND OTHER FOREIGN MATTER. FLOORS THAT RECEIVE A SEALER SHALL BE SEALED AT THIS TIME.
6. ISOLATION JOINTS SHALL HAVE 3/8" PREFORMED, CLOSED-CELL FOAM JOINT MATERIAL. THE TOP 1/2" OF THE JOINT SHALL BE FILLED WITH POLYURETHANE SEALANT.
7. REINFORCE ELEVATED SLABS W/ WELDED WIRE FABRIC (W.W.F.) SUPPORT W.W.F. ON CHAIRS OR OTHER APPROVED MEANS DURING SLAB PLACEMENT. LOCATE SUPPORTS OVER BEAMS AND GIRDERS WITH ADDITIONAL SUPPORTS AS REQUIRED FOR A MAXIMUM SPACING BETWEEN SUPPORTS = 3'-0".
8. ELEVATED CONCRETE SLABS ARE TO BE PLACED ON UNSHORED STRUCTURAL STEEL AND STEEL DECK. THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONCRETE AS REQUIRED TO ATTAIN LEVEL FLOORS AT SPECIFIED ELEVATIONS WHILE ACCOMODATING STRUCTURAL DEFLECTION. SUCH ADDITIONAL CONCRETE WILL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
9. NON-SLIP SURFACE: APPLY A BROOM FINISH TO EXTERIOR CONCRETE WALKING SURFACES, AND ELSEWHERE AS INDICATED. COORDINATE REQUIRED FINAL FINISH WITH OWNER BEFORE APPLICATION. BROOM FINISH: IMMEDIATELY AFTER FLOAT FINISHING, SLIGHTLY ROUGHEN TRAFFICKED SURFACE BY BROOMING WITH FIBER-BRISTLE BROOM PERPENDICULAR TO MAIN TRAFFIC ROUTE.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL" - THIRTEENTH EDITION, AISC 303, "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND AISC 360.
2. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A572, GRADE 50 OR ASTM A992 STEEL WITH YIELD STRENGTH OF 50 KSI. STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36 WITH YIELD STRENGTH OF 36 KSI. COLD FORM HOLLOW STRUCTURAL SECTIONS ASTM A500 GRADE B WITH A MINIMUM YIELD STRENGTH OF 46 KSI.
3. PERFORM THERMAL CUTTING BY MACHINE TO THE GREATEST EXTENT POSSIBLE. PLANE THERMALLYY CUT EDGES TO BE WELDED TO COMPLY WITH REQUIREMENTS IN AWS D1.1/D1.1M. DO NOT USE THERMAL CUTTING DURING ERECTION.
4. CUT, DRILL, MECHANICALLY THERMAL CUT OR PUNCH STANDARD BOLT HOLES PERPENDICULAR TO METAL SURFACES. DO NOT THERMALLY CUT BOLT HOLES OR ENLARGE HOLES BY BURNING. WELD THREADED NUTS TO FRAMING AND OTHER SPECIALTY ITEMS INDICATED TO RECEIVE OTHER WORK.
5. ACCURATELY FINISH ENDS OF COLUMNS AND OTHER MEMBERS TRANSMITTING BEARING LOADS.
6. SHOP PRIME STEEL SURFACES EXCEPT THE FOLLOWING:
   a. SURFACES EMBEDDED IN CONCRETE OR MORTAR. EXTEND PRIMING OF PARTIALLY EMBEDDED MEMBERS TO A DEPTH OF 2 INCHES.
   b. SURFACES TO BE FIELD WELDED.
   c. SURFACES OF HIGH-STRENGTH BOLTED, SLIP-CRITICAL CONNECTIONS.
   d. SURFACES TO RECEIVE SPRAYED FIRE-RESISTIVE MATERIALS (APPLIED FIREPROOFING).
   e. GALVANIZED SURFACES.
   f. SURFACES ENCLOSED IN INTERIOR CONSTRUCTION.
7. STEEL FRAMING MEMBERS AND COMPONENTS THAT REQUIRE FIREPROOFING PER THE ARCHITECTURAL DRAWINGS SHALL NOT BE PRIMED.
8. PRIMING: IMMEDIATELY AFTER SURFACE PREPARATION, APPLY PRIMER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND AT RATE RECOMMENDED BY SSPC TO PROVIDE A MINIMUM DRY FILM THICKNESS OF 1.5 MILS. USE PRIMING METHODS THAT RESULT IN FULL COVERAGE OF JOINTS, CORNERS, EDGES, AND EXPOSED SURFACES. STRIP PAINT FROM CORNERS, CREVICES, BOLTS, WELDS, AND SHARP EDGES. APPLY TWO COATS OF SHOP PAINT TO SURFACES THAT ARE INACCESSIBLE AFTER ASSEMBLY OR ERECTION. CHANGE COLOR OF SECOND COAT TO DISTINGUISH IT FROM FIRST.
9. DO NOT APPLY SHOP PRIMER TO THE TOP OF BEAM TOP FLANGES SPECIFIED TO RECEIVE FIELD WELDED SHEAR CONNECTORS.
10. PAINTING: PREPARE STEEL AND APPLY A ONE-COAT, NONASPHALTIC PRIMER COMPLYING WITH SSPC-PS GUIDE 7.00, "PAINTING SYSTEM GUIDE 7.00: GUIDE FOR SELECTING ONE-COAT SHOP PAINTING SYSTEMS," TO PROVIDE A DRY FILM THICKNESS OF NOT LESS THAN 1.5 MILS.
11. HOT-DIP GALVANIZED FINISH: APPLY ZINC COATING BY THE HOT-DIP PROCESS TO STRUCTURAL STEEL ACCORDING TO ASTM A 123/A 123M. FILL VENT AND DRAIN HOLES THAT ARE EXPOSED IN THE FINISHED WORK UNLESS THEY FUNCTION AS WEEP HOLES, BY PLUGGING WITH ZINC SOLDER AND FILING OFF SMOOTH. GALVANIZE ANY LINTELS, SHELF ANGLES OR WELDED DOOR FRAMES ATTACHED TO STRUCTURAL STEEL FRAME AND LOCATED IN EXTERIOR WALLS.
12. REVISE LOCATIONS BELOW WHERE GALVANIZING IS REQUIRED TO SUIT PROJECT. SUBPARAGRAPH IS AN EXAMPLE ONLY; DELETE AND INDICATE ITEMS TO BE GALVANIZED ON DRAWINGS IF PREFERRED.
13. SHOP DRAWINGS DETAILING FABRICATION AND ERECTION OF EACH METAL FABRICATION INDICATED SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO FABRICATION AND CONSTRUCTION.
14. ASSEMBLE AND WELD BUILT UP SECTIONS BY METHODS THAT MAINTAIN TRUE ALIGNMENT OF AXIS WITHOUT EXCEEDING TOLERANCES IN AISC 303 FOR MILL MATERIAL.
15. VERIFY, WITH CERTIFIED STEEL ERECTOR PRESENT, ELEVATIONS OF CONCRETE- AND MASONRY-BEARING SURFACES AND LOCATIONS OF ANCHOR RODS, BEARING PLATES, AND OTHER EMBEDMENTS FOR COMPLIANCE WITH REQUIREMENTS. PROCEED WITH INSTALLATION ON AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
16. PREPARE A CERTIFIED SURVEY OF EXISTING CONDITIONS. INCLUDE BEARING SURFACES, ANCHOR RODS, BEARING PLATES, AND OTHER EMBEDMENTS SHOWING DIMENSIONS, LOCATIONS, ANGLES, AND ELEVATIONS.
17. PROVIDE TEMPORARY SHORES, GUYS, BRACES, AND OTHER SUPPORTS DURING ERECTION TO KEEP STRUCTURAL STEEL SECURE, PLUMB, AND IN ALIGNMENT AGAINST TEMPORARY CONSTRUCTION LOADS AND LOADS EQUAL IN INTENSITY TO DESIGN LOADS. REMOVE TEMPORARY SUPPORTS WHEN PERMANENT STRUCTURAL STEEL, CONNECTIONS, AND BRACING ARE IN PLACE UNLESS OTHERWISE INDICATED. DO NOT REMOVE TEMPORARY SHORING SUPPORTING COMPOSITE DECK CONSTRUCTION UNTIL CAST-IN-PLACE CONCRETE HAS ATTAINED ITS DESIGN COMPRESSIVE STRENGTH.
18. ALIGN AND ADJUST VARIOUS MEMBERS THAT FORM PART OF COMPLETE FRAME OR STRUCTURE BEFORE PERMANENTLY FASTENING. BEFORE ASSEMBLY, CLEAN BEARING SURFACES AND OTHER SURFACES THAT ARE IN PERMANENT CONTACT WITH MEMBERS. PERFORM NECESSARY ADJUSTMENTS TO COMPENSATE FOR DISCREPANCIES IN ELEVATIONS AND ALIGNMENT. LEVEL AND PLUMB INDIVIDUAL MEMBERS OF STRUCTURE. MAKE ALLOWANCES FOR DIFFERENCE BETWEEN TEMPERATURE AT TIME OF ERECTION AND MEAN TEMPERATURE WHEN STRUCTURE IS COMPLETED AND IN SERVICE.

STEEL CONNECTION NOTES:

1. STRUCTURAL STEEL CONNECTIONS FOR BEAM-TO-BEAM AND BEAM-TO-COLUMN CONNECTIONS SHALL BE CONSIDERED AS "SIMPLE SHEAR" CONNECTIONS IN ACCORDANCE WITH THE THIRTEENTH EDITION OF AISC'S SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
2. FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER A325N HIGH STRENGTH BOLTS EXCEPT WHERE FIELD WELDING IS INDICATED ON THE DRAWINGS OR WHERE OTHERWISE REQUIRED TO SUPPORT DESIGN LOADS.
3. INSTALLED HIGH STRENGTH BOLTS ACCORDING TO RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A 325 OR A 490 BOLTS" FOR TYPE OF BOLT AND TYPE OF JOINT SPECIFIED.
4. WHERE REACTIONS ARE NOT PROVIDED, DESIGN CONNECTIONS TO RESIST 1/2 THE MAXIMUM UNIFORM LOAD TAKEN FROM TABLES 3-6 IN THE THIRTEENTH EDITION OF THE AISC STEEL CONSTRUCTION MANUAL.
5. WHERE BEAMS FRAME TO TUBULAR STEEL COLUMNS, SINGLE PLATE CONNECTIONS ARE ACCEPTABLE PROVIDED THAT THE THICKNESS OF THE PLATE IS LESS THAN 2 X THE THICKNESS OF THE WALL OF THE TUBULAR STEEL COLUMN.
6. WHERE BEAMS FRAME TO BOTH SIDES OF A GIRDER OR COLUMN WEB, PROVIDE SINGLE ANGLE CONNECTIONS OR OTHER TYPE OF CONNECTIONS ARRANGED SO THAT BEAMS ON OPPOSITE SIDES DO NOT SHARE ALL COMMON BOLTS.
7. WHERE BEAMS FRAME TO BOTH SIDES OF A COLUMN WEB, AT THE SAME ELEVATION, PROVIDE SEATED CONNECTIONS OR OTHER DETAILS TO AVOID BEAMS BEING SUPPORTED BY COMMON BOLTS.
8. ALL CONNECTIONS NOT DETAILED WITHIN THE DRAWINGS SHALL BE DESIGNED IN ACCORDANCE WITH THESE NOTES BY THE FABRICATOR UNDER THE RESPONSIBLE CHARGE OF AN ENGINEER LICENSED IN THE SAME STATE AS THE PROJECT LOCATION. WHERE A DETAIL IS REQUIRED TO SPECIFY FIELD ATTACHMENT THAT DETAIL SHALL BE PROVIDED ON THE ERECTION DRAWINGS.
9. ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL BE E70XX.
10. DESIGN OF WELDS FOR SINGLE PLATE CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE 4-9 IN THE HOLLOW STRUCTURAL SECTIONS CONNECTIONS MANUAL.
11. GALVANIZED SURFACES: CLEAN AREAS WHERE GALVANIZING IS DAMAGED OR MISSING AND REPAIR GALVANIZING TO COMPLY WITH ASTM A 780/A 780M.
12. TOUCHUP PAINTING: IMMEDIATELY AFTER ERECTION. CLEAN EXPOSED AREAS WHERE PRIMER IS DAMAGED OR MISSING AND PAINT WITH THE SAME MATERIAL AS USED FOR SHOP PAINTING TO COMPLY WITH SSPC-PA 1 FOR TOUCHING UP SHOP-PAINTED SURFACES.
13. ALL CONNECTION DETAILS AND CALCULATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.

CITY OF PORTLAND, MAINE · RESURGAM

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/09/18

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	12-21-17

ISSUED FOR CONSTRUCTION
12-21-17
CURRENT ISSUE STATUS:

PROJECT NORTH:

STATE OF MAINE · PETER D. RAND · No. 9714 · LICENSED · PROFESSIONAL ENGINEER
12-21-17

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MAINE MEDICAL CENTER
M.M.C. HUTCHINS DRIVE
RENOVATION
PROJECT LOCATION

STRUCTURAL NOTES
SHEET TITLE:

0 1/4" 1/2" 1" 2" 3"
SCALE: AS NOTED

PROJECT MANAGER:	RSC	PROJECT NO:	17123
A/E OF RECORD:	ADB		
JOB CAPTAIN:	SDL		
DRAWN BY:	DSF		
SMRT FILE:	S-001-17123	SHEET No.	S-001

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