



Table with columns: submission, OWNER REVIEW, BID SET, PERMIT SET, revisions, #, Description, Date



M. SUBMITTALS:

- 1. SUBMITTALS: SUBMITTALS FOR SHOP DRAWINGS, MILL TESTS, PRODUCT DATA, ETC. FOR ITEMS DESIGNED BY THE ARCHITECT/ENGINEER OF RECORD SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION...

K. SPECIAL INSPECTIONS PER THE IBC:

- 1. THE OWNER OR REGISTERED DESIGN PROFESSIONAL OF RECORD WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE ITEMS LISTED IN THE SPECIAL INSPECTION TABLE BELOW...

Table with columns: SPECIAL INSPECTION, REFERENCED STANDARD. Includes items like SITE PREPARATION, INSPECTION OF REINFORCING STEEL, INSPECTION OF WELDING SHEET PILE STEEL IN STRUCTURES, INSPECTION OF ANCHORS, etc.

H. STEEL JOISTS:

- 1. CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE DOCUMENTS ACI-301, 308, 306, 318, 313, 347 AND... 2. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315...

D. REINFORCED CONCRETE:

- 1. CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE DOCUMENTS ACI-301, 308, 306, 318, 313, 347 AND... 2. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315...

A. GENERAL STRUCTURAL NOTES:

- 1. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK... 2. NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD...

B. GOVERNING CODE: 2012 NORTH CAROLINA BUILDING CODE (IBC 2009/ASCE 7-10):

- 1. DEAD LOADS: MEMBRANE (UNBALASTED) = 0.3 PSF, INSULATION (4") = 5.0 PSF, METAL DECK = 2.0 PSF, CEILING = 1.0 PSF, BEAMS = 2.0 PSF, GIRDERS = 2.0 PSF, MECH. DUCTWORK = 1.0 PSF, FIRE PROTECTION = 2.0 PSF (NOMINAL), LIGHTS = 0.5 PSF, MISCELLANEOUS = 1.0 PSF...

Table with columns: SURFACE PRESSURE (PSF), ROOF AREA (##'-0"), NEGATIVE ZONE 1, NEGATIVE ZONE 2, NEGATIVE ZONE 3, POSITIVE ZONE 1, POSITIVE ZONES 2 & 3, OVERHANG ZONES 1 & 2, OVERHANG ZONE 3, WALLS AREA (##'-0"), NEGATIVE ZONE 4, NEGATIVE ZONE 5, POSITIVE ZONES 4 & 5, PARAPET AREA, CASE A: INTERIOR ZONE, CORNER ZONE, CASE B: INTERIOR ZONE, CORNER ZONE

- 6. EARTHQUAKE DESIGN DATA: A. SEISMIC IMPORTANCE FACTOR, I = 1.0, B. OCCUPANCY CATEGORY = II, C. MAPPED SPECTRAL RESPONSE ACCELERATIONS: 1. Sa = 0.292g, 2. S1 = 0.1010g...

C. FOUNDATIONS - GENERAL:

- 1. THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT PREPARED BY ECS SOUTHEAST LLP, REPORT NO. 08-10033, DATED SEPTEMBER 27, 2008...

I. STEEL ROOF DECK:

- 1. SPECIFICATIONS AND STANDARDS: A. DESIGN, FABRICATION AND ERECTION OF STEEL DECK SHALL BE GOVERNED BY THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS... B. UNIFORM STRENGTH CENTER LINES SHALL BE USED FOR CONNECTIONS FOR THE STEEL JOIST CLOSEST TO THE CENTER LINE...

J. COLD-FORMED STEEL STUDS, JOISTS, AND ACCESSORIES:

- 1. ALL STEEL STUDS, JOISTS, HEADERS, TRACKS AND ACCESSORIES SHALL BE FORMED FROM STEEL CONFORMING WITH ASTM A1003, TYPE H AND BE GALVANIZED... 2. ALL FRAMING, INCLUDING BUT NOT LIMITED TO: STUDS, FLOOR AND CEILING JOISTS, HEADERS, SILL, TRACKS, ACCESSORIES AND CONNECTIONS, SHALL BE DESIGNED BY THE SUPPLIER...

G. STRUCTURAL STEEL:

- 1. STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS: A. ALL CHANNELS, ANGLES, PLATES, ETC. (U.S. O.) ASTM A36... B. ALL WIDE FLANGE SHAPES (U.S.O.) ASTM A992 (Fy=50) OR ASTM A1085 (Fy=50)...