

STRUCTURAL GENERAL NOTES

1. GENERAL
a. Provide construction conforming to the 2018 International Building Code with the latest State Amendments. Reference to other standards, specifications, or codes means the latest standard or code published and adopted.

g. welded joints per the Steel Construction Manual and AWS D1.1. Do not begin fabrication until shop drawings are completed and reviewed by the Structural Engineer of Record.
h. The design of special connections between steel framing components (including but not limited to braced end connections, moment-resisting connections, modified beam seat connections, and member splice connections) not designed by the Structural Engineer of Record must be performed by a Professional Engineer registered in the Project State.

SCHEDULE OF SPECIAL INSPECTIONS SERVICES

Table with columns: MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT, DATE COMPLETED). Rows include: 1. Inspection of anchors, 2. Inspection of steel reinforcement, 3. Inspection of steel reinforcement, 4. Inspection of steel reinforcement, 5. Inspection of steel reinforcement, 6. Inspection of steel reinforcement, 7. Inspection of steel reinforcement, 8. Inspection of steel reinforcement, 9. Inspection of steel reinforcement, 10. Inspection of steel reinforcement, 11. Inspection of steel reinforcement, 12. Inspection of steel reinforcement, 13. Inspection of steel reinforcement, 14. Inspection of steel reinforcement, 15. Inspection of steel reinforcement, 16. Inspection of steel reinforcement, 17. Inspection of steel reinforcement, 18. Inspection of steel reinforcement, 19. Inspection of steel reinforcement, 20. Inspection of steel reinforcement, 21. Inspection of steel reinforcement, 22. Inspection of steel reinforcement, 23. Inspection of steel reinforcement, 24. Inspection of steel reinforcement, 25. Inspection of steel reinforcement, 26. Inspection of steel reinforcement, 27. Inspection of steel reinforcement, 28. Inspection of steel reinforcement, 29. Inspection of steel reinforcement, 30. Inspection of steel reinforcement, 31. Inspection of steel reinforcement, 32. Inspection of steel reinforcement, 33. Inspection of steel reinforcement, 34. Inspection of steel reinforcement, 35. Inspection of steel reinforcement, 36. Inspection of steel reinforcement, 37. Inspection of steel reinforcement, 38. Inspection of steel reinforcement, 39. Inspection of steel reinforcement, 40. Inspection of steel reinforcement, 41. Inspection of steel reinforcement, 42. Inspection of steel reinforcement, 43. Inspection of steel reinforcement, 44. Inspection of steel reinforcement, 45. Inspection of steel reinforcement, 46. Inspection of steel reinforcement, 47. Inspection of steel reinforcement, 48. Inspection of steel reinforcement, 49. Inspection of steel reinforcement, 50. Inspection of steel reinforcement, 51. Inspection of steel reinforcement, 52. Inspection of steel reinforcement, 53. Inspection of steel reinforcement, 54. Inspection of steel reinforcement, 55. Inspection of steel reinforcement, 56. Inspection of steel reinforcement, 57. Inspection of steel reinforcement, 58. Inspection of steel reinforcement, 59. Inspection of steel reinforcement, 60. Inspection of steel reinforcement, 61. Inspection of steel reinforcement, 62. Inspection of steel reinforcement, 63. Inspection of steel reinforcement, 64. Inspection of steel reinforcement, 65. Inspection of steel reinforcement, 66. Inspection of steel reinforcement, 67. Inspection of steel reinforcement, 68. Inspection of steel reinforcement, 69. Inspection of steel reinforcement, 70. Inspection of steel reinforcement, 71. Inspection of steel reinforcement, 72. Inspection of steel reinforcement, 73. Inspection of steel reinforcement, 74. Inspection of steel reinforcement, 75. Inspection of steel reinforcement, 76. Inspection of steel reinforcement, 77. Inspection of steel reinforcement, 78. Inspection of steel reinforcement, 79. Inspection of steel reinforcement, 80. Inspection of steel reinforcement, 81. Inspection of steel reinforcement, 82. Inspection of steel reinforcement, 83. Inspection of steel reinforcement, 84. Inspection of steel reinforcement, 85. Inspection of steel reinforcement, 86. Inspection of steel reinforcement, 87. Inspection of steel reinforcement, 88. Inspection of steel reinforcement, 89. Inspection of steel reinforcement, 90. Inspection of steel reinforcement, 91. Inspection of steel reinforcement, 92. Inspection of steel reinforcement, 93. Inspection of steel reinforcement, 94. Inspection of steel reinforcement, 95. Inspection of steel reinforcement, 96. Inspection of steel reinforcement, 97. Inspection of steel reinforcement, 98. Inspection of steel reinforcement, 99. Inspection of steel reinforcement, 100. Inspection of steel reinforcement.

2. EXISTING CONDITIONS
a. Renovation of existing structures requires thorough coordination of the contract documents with existing conditions. The Contractor must verify all relevant existing conditions, dimensions, and details prior to beginning construction.

3. REINFORCED CONCRETE
a. Provide reinforced concrete conforming to the following standards:
• ACI 301-14, Specifications for Structural Concrete for Buildings
• ACI 318-14, Building Code Requirements for Structural Concrete
• ACI 302.1R-15, Guide to Formwork for Concrete
• ACI 308.1R-15, Guide to Formwork for Concrete
• ACI 360R-10, Guide to Design of Slabs-on-Ground

Table with columns: Location, Exposure Class, Type, Strength, w/cm. Rows include: Foundations, Int. Slabs on Grade, etc.

d. Fully document and submit for review the proposed materials and mix design for all concrete. The Contractor is responsible for obtaining the required design strength. All concrete test data must be available at job site.
e. The use of calcium chloride, chloride ions, or other salts is not permitted.

4. MASONRY
a. Provide concrete masonry conforming to the following standards:
• ACI 530-13, Building Code Requirements for Masonry Structures
• ACI 530.1-13, Specifications for Masonry Structures

5. STRUCTURAL STEEL
a. Provide structural steel detailing, fabrication, and erection conforming to the following standards:
• AISC 303-05, Code of Standard Practice for Structural Steel Buildings
• AISC 325-17, Steel Construction Manual, 14th Edition
• AISC 326-09, Detailing for Steel Construction, 3rd Edition
• AISC 360-16, Specification for Structural Steel Buildings
• AWS D1.1-10, Structural Welding Code - Steel

9. STRUCTURAL LUMBER
a. Provide Structural Lumber conforming to the following standards:
• ANSI/APA NDS-19, National Design Specification for Wood Construction
• ANSI/APA SDFW-15, Special Design Provisions for Wind and Seismic
• DOC P52, Performance Standard for Wood-Based Structural-Use Panels
• APA PRG-400-12, Performance Standard for APA EWS 1-Joists

10. PLATE CONNECTED WOOD TRUSSES
a. Provide wood trusses connected with cold formed steel plates designed and fabricated in accordance with the following standards:
• ANSI/APA NDS, National Design Specification for Wood Construction
• ANSI/TPI 1-2014, National Design Standards for Metal Plate Connected Wood Truss Construction

11. FOUNDATIONS
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

12. FOUNDATIONS (continued)
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

13. DESIGN LOADS
m. Live Loads:
Roof..... See Plate Connected Roof Truss Notes
Roof..... See Plate Connected Roof Truss Notes

14. FOUNDATIONS (continued)
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

15. FOUNDATIONS (continued)
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

16. FOUNDATIONS (continued)
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

17. FOUNDATIONS (continued)
a. The design of foundations, retaining walls, and slabs-on-grade is based on the following criteria found in the existing structural drawings dated June 19, 2006 by Pope/Partners Architects, Inc. and the geotechnical report for this building prepared by Construction Material Services, Inc. on January 22, 2004.

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: AUBURN PUBLIC LIBRARY
LOCATION: 24TH STREET, AUBURN, GA 36809
PERMIT APPLICANT:
APPLICANT'S ADDRESS:
ARCHITECT OF RECORD: ROBERT PONDER
STRUCTURAL ENGINEER OF RECORD: BAUKLESH PATEL

This Statement of Special Inspections is submitted in accordance with Section 1704.3 of the 2018 International Building Code. It is a Schedule of Special Inspections. Services applicable to the above-referenced Project as well as the identity of the individual or firm intended to be retained for conducting these inspections, if applicable, it is the Special Inspectors for Seismic Resistance and/or Special Inspectors for Wind Resistance.

Are Special Inspections for Seismic Resistance included in the Statement of Special Inspections? No
Are Special Inspections for Wind Resistance included in the Statement of Special Inspections? No

Special Inspections for Seismic Resistance
See the Schedule of Special Inspections for inspection and testing requirements.

Special Inspections for Seismic Resistance Required (Yes/No):
Description of seismic force-resisting system subject to special inspection and testing for seismic resistance:
Description of designated seismic systems subject to special inspection and testing for seismic resistance:
Description of additional seismic systems and components requiring testing:
(Where required per IBC Section 1705.13.)

Special Inspections for Wind Resistance
See the Schedule of Special Inspections for inspection and testing requirements.

Special Inspection for Wind Resistance Required (Yes/No): NO
(Required in wind exposure Category B, where the allowable stress design wind speed, Vw, is 120 miles per hour or greater. Required in wind exposure Category C or D, where the allowable stress design wind speed, Vw, is 110 miles per hour or greater.)

Description of windforce-resisting components subject to special inspections for wind resistance:
(Required for systems noted in IBC Section 1705.11 and 1705.11.2.)

Statement of Responsibility:
Each contractor responsible for the construction or fabrication of a system or component described above must submit a Statement of Responsibility.



PONDER & PONDER ARCHITECTS

3000 Langford Road
Building 200
Norcross, GA 30071-4771
770-449-8860
770-449-8861 fax



REFER TO DRAWING SHEET SIGNATURE AND SEAL

Table with columns: No., Date, Revision

Owner:
PIEDMONT REGIONAL LIBRARY SYSTEM

Project:
AUBURN PUBLIC LIBRARY EXPANSION & RENOVATION

GENERAL NOTES

CONSTRUCTION DOCUMENTS
job no.: 19009
date: 2/26/2020
by: TNN
app:
file name: APL-PLANS
sheet no.: 50

