



www.autodesk.com/revit

Consultant Address Phone Fax e-mail

Consultant Address Phone Fax e-mail

Consultant Address Phone Fax e-mail

Consultant Address Phone Fax e-mail

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Table with 3 columns: No., Description, Date

APPENDIX B - CODE SUMMARY

Project number, Date, Drawn by, Checked by, A101, Scale

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN

DESIGN LOADS: Importance Factors, Live Loads, Ground Snow Load, Wind Load, SEISMIC DESIGN CATEGORY, LATERAL DESIGN CONTROL, SOIL BEARING CAPACITIES

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS MECHANICAL DESIGN

MECHANICAL SUMMARY: Thermal Zone, Interior Design Conditions, Building Heating Load, Building Cooling Load, Mechanical Spacing Conditioning System, Boiler, Chiller, List equipment efficiencies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS ELECTRICAL DESIGN

ELECTRICAL SYSTEM AND EQUIPMENT: Method of Compliance, Lighting schedule, Additional Efficiency Package Options

ENERGY SUMMARY

ENERGY REQUIREMENTS: Existing building envelope complies with code, Exempt Building, Climate Zone, Method of Compliance

THERMAL ENVELOPE (Prescriptive method only): Roof/Ceiling Assembly, Exterior Walls, Walls Below Grade, Floors over unconditioned space, Floors - Slab on Grade

FIRE PROTECTION REQUIREMENTS

Table with columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE, RATING, PROVIDED (W/ REDUCTION), DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, SHEET # FOR RATED PENETRATION, SHEET # FOR RATED JOINTS

PERCENTAGE OF WALL OPENING CALCULATIONS: FIRE SEPARATION DISTANCE, DEGREE OF OPENINGS PROTECTION, ALLOWABLE AREA, ACTUAL SHOWN ON PLANS

LIFE SAFETY SYSTEM REQUIREMENTS: Emergency Lighting, Exit Signs, Fire Alarms, Smoke Detection Systems, Carbon Monoxide Detection

LIFE SAFETY PLAN REQUIREMENTS: Life Safety plan sheet #, Fire and/or smoke rated wall locations, Assumed and real property line locations, Exterior wall opening area, Occupancy Use for each area, Occupant loads for each area, Exit access travel distances, Common path of travel distances, Dead end lengths, Clear exit widths for each exit door, Maximum calculated occupant load capacity, Actual occupant load for each exit door, A separate schematic plan, Location of doors with panic hardware, Location of doors with delayed egress locks, Location of doors with electromagnetic egress locks, Location of doors equipped with hold-open devices, Location of emergency escape windows, The square footage of each fire area, The square footage of each smoke compartment, Note any code exceptions

ACCESSIBLE DWELLING UNITS (SECTION 1107): TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE 'A' UNITS REQUIRED, TYPE 'A' UNITS PROVIDED, TYPE 'B' UNITS REQUIRED, TYPE 'B' UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1106): LOT OR PARKING AREA, TOTAL # OF PARKING SPACES, # OF ACCESSIBLE PARKING SPACES, TOTAL # ACCESSIBLE PROVIDED

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1): USE, WATER CLOSETS, LAVATORIES, SHOWER/TUBS, DRINKING FOUNTAINS

SPECIAL APPROVALS: Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

Name of Project, Address, Owner/Authorized Agent, Phone #, E-Mail, Zip Code, Owned By, Code Enforcement Jurisdiction

PROJECT SUMMARY: Building Description, Scope of Work, Code Compliance Summary

CONTACT: DESIGNER, FIRM, NAME, LICENSE, PHONE, E-MAIL

2018 NC BUILDING CODE, 2018 NC EXISTING BUILDING CODE, CONSTRUCTED, RENOVATED, OCCUPANCY CATEGORY

BASIC BUILDING DATA: Construction Type, Sprinklers, Standpipes, Primary Fire District, Flood Hazard Area, Special Inspections Required

GROSS BUILDING AREA TABLE: FLOOR, EXISTING (SQ FT), NEW (SQ FT), SUB-TOTAL

Primary Occupancy Classification(s), Accessory Occupancy Classification(s), Incidental Uses, Special Provisions, Mixed Occupancy, Separation, Exception

Table with columns: STORY NO., DESCRIPTION AND USE, [A] BLDG AREA PER STORY, [B] TABLE 506.2 AREA, [C] AREA FOR FRONTAGE INCREASE, [D] ALLOWABLE AREA PER STORY

- 1: Frontage area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum width = ft (F) b. Total Building Perimeter = ft (P) c. Ratio (F/P) = (F/P) d. W = Minimum width of public way = ft (W) 2: Unlimited area applicable under conditions of Section 507. 3: Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2). 4: The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1. 5: Frontage increase is based on the unspinklered area value in Table 506.2.

ALLOWABLE HEIGHT: Building Height in Feet, Building Height in Stories, Code Reference

1: Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.