

g. Accessible Parking (Projects that are New Construction, Additions, Change of Use)

Table with 5 columns: TYPE OF PARKING, TOTAL # OF SPACES, # OF SPACES FOR DISABLED, # OF SPACES FOR OTHER, and TOTAL # OF SPACES. Row 1: LOT, 31, 35, 0, 0, 2, 2.5%

F. Structural Design (Primarily for New Construction, Additions and Change of Use) If adding dead loads or live loads to the building structural system information in any project shall be required. This information may be located on the structural sheets. The structural sheet must be in the same format as noted in this section. If it is on the structural sheets, please indicate here. (Located on Structural Sheet Number: Yes No)

DESIGN LOADS: Importance Factors: (ASCE 7-10) Wind 1.0, Snow 1.0, Seismic 1.0. Live Loads: Roof: 20 psf, Floor: 100 psf, Live Load Reductions: 10 psf, Ground Snow Load: 10 psf, Wind Load: Basic Wind Speed: 90 mph (ASCE-7), Exposure Category: B, Wind Base Shear: 28 Kips (Plan N-S)

SEISMIC DESIGN CATEGORY: A, B, C, D. Provide the following Seismic Design Parameters: Occupancy Category: I, II, III, IV, V, VI, VII, VIII, IX, X, XI, XII, XIII, XIV, XV, XVI, XVII, XVIII, XIX, XX, XXI, XXII, XXIII, XXIV, XXV, XXVI, XXVII, XXVIII, XXIX, XXX. Spectral Response Acceleration: Sa, Sd, Sv, Sw. Site Classification: A, B, C, D, E, F. Basic structural system (check use): Bearing Wall, Dual w/ Special Moment Frame, Building Frame, Dual w/ Intermediate R/C or Special Steel, Moment Frame, Inverted Pendulum. Seismic base shear: Vs = 3 Kips, Vx = 3 Kips, Vy = 3 Kips. Analysis Procedure: Simplified, Equivalent Lateral Force, Dynamic. Architectural, Mechanical, Components anchored? Yes No

LATERAL DESIGN CONTROL: Earthquake, Wind. SOIL BEARING CAPACITIES: Field Test (provide copy of test report as a reference document): psf, Presumptive Bearing Capacity: 2,500 psf, Pile size, type, and capacity. SPECIAL INSPECTIONS REQUIRED: Yes No. Page 9 of 12, Appendix B, 7-1-17

h. Special Inspections (If applicable to your project)

SCHEDULE OF SPECIAL INSPECTIONS: No special inspections required for this project. Special inspections required. The following sheets comprise the required schedule of Special Inspections for this project. The construction divisions which require special inspections for this project are as follows: IT-1 Verification of Soils, IT-2 Excavation and Fill, IT-3 Piling and Drilling Piers, IT-4 Modular Retaining Walls, IT-5 Reinforced Concrete, IT-6 Post Tension Slab, IT-7 Pre-cast Concrete Erection, IT-8 Pre-stressed Concrete, IT-9 Inspection of Pre-Cast Fabricators, IT-10 Inspection of Structural Steel Fabricators, IT-11 Structural Masonry, IT-12 Welding, IT-13 High Strength Bolts & Steel Framing Joints, IT-14 Sprayed Fire-Resistance Materials, IT-15 Exterior Insulation and Finish system, IT-16 Seismic Resistance, IT-17 Smoke Control, IT-18 Wood, IT-19 Special Cases. Check the above boxes for the special inspection required for this project and list below specific special inspections required under Chapter 17. For questions regarding Special Inspections please see www.MeckSI.com

i. Plumbing Fixtures Requirements (New Construction, Additions, Upfits, Alterations and Change of Use or if increasing occupant load)

Table with 7 columns: OCCUPANCY CATEGORY, WATER FIXTURES, SINKS, SHELVE, LAVATORIES, TOILETS, SHOWERS. Row 1: New, 1, 1, 1, 1, 1, 1. Row 2: Total Required, 1/75, 1/75, 1/200, 1/200. Row 3: Total Provided.

j. Special Approvals (If applicable to your project)

Special approvals (Local Jurisdiction, Department of Insurance, OSC, DPL, DHS, ICC, etc., describe below). Page 10 of 12, Appendix B, 7-1-17

k. Energy Summary (New Construction, Additions, Change of use and upfits)

BUILDING ENVELOPE: ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the North Carolina Energy Conservation Code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design. Climate Zone: 3, 4, 5. Method of Compliance: Prescriptive (NCECC), Performance (NCECC or COMcheck) Report must be reproduced on drawings, Prescriptive (ASHRAE 90.1-2010 with addenda 2013 supplement), Performance (ASHRAE 90.1-2010). THERMAL ENVELOPE: (NCECC Chapter 4 and 8)

Roof/Ceiling Assembly (each assembly): Description of assembly: Single Ply Roofing membrane over rigid insulation bd. over 5/8" plywood. U-Value of total assembly: 0.028, R-Value of insulation: 28 - Continuous, Skylights in each assembly: None, Total percentage of skylights in each assembly: N/A.

Exterior Walls (each assembly): Description of assembly: Wood framed at 16" o.c. with EIFS. U-Value of total assembly: 0.041, R-Value of insulation: R19 & R6 continuous, Openings (windows or doors with glazing): 11.2 % of above grade walls, Solar heat gain coefficient: 0.30, Projection factor: 0.0, Door U-Values: 1.20.

Walls below grade (each assembly): Description of assembly: N/A, U-Value of total assembly: N/A, R-Value of insulation: N/A.

Floors over unconditioned space (each assembly): Description of assembly: N/A, U-Value of total assembly: N/A, R-Value of insulation: N/A.

Floors slab on grade: Description of assembly: Slab on grade, U-Value of total assembly: 2.27, R-Value of insulation: 0.0, Horizontal/vertical separation: Vertical 2'-0" slab heated, N/A. Page 11 of 12, Appendix B, 7-1-17

MECHANICAL SUMMARY (This information may be located on the mechanical sheets. The mechanical sheet must be in the same format as noted in this section. If it is on the mechanical sheets, please indicate here. (Located on Mechanical Sheet Number: Yes No))

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT: Thermal Zone: 3A, winter dry bulb: 21, summer dry bulb: 91, Interior design conditions: winter dry bulb: 70, summer dry bulb: 75, relative humidity: 60 percent, Building heating load: 300,000, Building cooling load: 381,000, Mechanical Space Conditioning System: Unitary, description of unit: RTU, air cooled, heating efficiency: 81 AEPH, cooling efficiency: 12-13 EER, size category of unit: >= 1.5 MBH < 2 MBH, Boiler: Size category: If oversized, state reason: N/A, Chiller: Size category: If oversized, state reason: N/A, List equipment efficiencies: Refer to Schedule on Drawings.

ELECTRICAL SUMMARY (This information may be located on the electrical sheets. The electrical sheet must be in the same format as noted in this section. If it is on the electrical sheets, please indicate here. (Located on Electrical Sheet Number: Yes No))

ELECTRICAL SYSTEM AND EQUIPMENT: Method of Compliance: Energy Code: Prescriptive, Performance, ASHRAE 90.1: Prescriptive, Performance, Lighting schedule (each fixture type): Refer to Fixture Schedule on Sheet E4.0, Integ type required in fixture: number of lamps in fixture, ballast type used in the fixture, number of ballasts in fixture, total wattage per fixture, total interior wattage specified vs. allowed (whole building or space by space) 952 versus 2005 total exterior wattage specified vs. allowed: 2636 versus 3662. Additional Required Prescriptive Compliance: 906.2.1 More Efficient Mechanical Equipment, 906.2.2 Reduced Lighting Power Density, 906.2.3 Energy Recovery Ventilation Systems, 906.2.4 Higher Efficiency Service Water Heating, 906.2.5 On-Site Supply of Renewable Energy, 906.2.6 Automatic Daylighting Control Systems. Page 12 of 12, Appendix B, 7-1-17

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- △ ELECTRICAL COMMENTS 11/17/17
△ BUILDING COMMENTS 12/1/17
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CONTRACT DATE: 10.2.17
BUILDING TYPE: EXP. LITE MED40
PLAN VERSION: DECEMBER 2016
SITE NUMBER: 311687
STORE NUMBER: 436563

TACO BELL
3923 SHAKEDOWN ST.
CHARLOTTE, NC



APPENDIX B CONT'D

T2.1