Date:

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| SUBMITTAL: | Schematic | Design Development | Construction Document |

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| SC CODE EDITION: |  | ICC CODE EDITION: |  | ICC A117.1 EDITION: |  | OSF GUIDE EDITION: |  |
| OTHER CODES/STANDARDS & EDITIONS: | | | | | | | |

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| PROJECT DESCRIPTION: *[Brief Scope of Work & Include project delivery method (i.e. CMR, etc.)]* |

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| **BASIC BUILDING CODE INFORMATION** | | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Building Code** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
|  | **-** | SCBC  SCEBC | SCBC  SCEBC | SCBC  SCEBC | SCBC  SCEBC | SCBC  SCEBC |
| CONSTRUCTION CLASSIFICATION TYPE | **Section 602** |  |  |  |  |  |
| OCCUPANCY GROUP (indicate all) | **Section 302** |  |  |  |  |  |
| MOST RESTRICTIVE OCCUPANCY GROUP | **Tables 504.3, 504.4 & 506.2** |  |  |  |  |  |
| Does building require Incidental Use Area Separation? | **Table 509** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Does building have Accessory Occupancy (ies)? | **Section 508.2** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| What is the aggregate square footage of the accessory occupancy (ies)? | **Section 508.2** | SF | SF | SF | SF | SF |
| What percent of the story is the aggregate of the accessory occupancy (ies)? | **Section 508.2** | % | % | % | % | % |
| Mixed Occupancy | **Section 508** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Nonseparated  Separated | Nonseparated  Separated | Nonseparated  Separated | Nonseparated  Separated | Nonseparated  Separated |

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| **EXISTING BUILDING CODE INFORMATION [SCEBC]** | | | |
| **DESIGNATED AREAS OF BUILDING** | **Area 1** | **Area 2** | **Area 3** |
| Method of Compliance:  (*Check only one Option and all items that apply under that Option*.) | Option 1: Prescriptive Compliance Method **(Ch. 3, 5)**  Alteration  Addition  Change of Occupancy  Historic Building | Option 1: Prescriptive Compliance Method **(Ch. 3, 5)**  Alteration  Addition  Change of Occupancy  Historic Building | Option 1: Prescriptive Compliance Method **(Ch. 3, 5)**  Alteration  Addition  Change of Occupancy  Historic Building |
| Option 2: Work Area Compliance Method **(Ch. 3, 6-12)**  Alteration Level 1  Alteration Level 2  Alteration Level 3  Change of Occupancy  Additions  Historic Building  Aggregate area of building:       SF  Work area:       SF | Option 2: Work Area Compliance Method **(Ch. 3, 6-12)**  Alteration Level 1  Alteration Level 2  Alteration Level 3  Change of Occupancy  Additions  Historic Building  Aggregate area of building:       SF  Work area:       SF | Option 2: Work Area Compliance Method **(Ch. 3, 6-12)**  Alteration Level 1  Alteration Level 2  Alteration Level 3  Change of Occupancy  Additions  Historic Building  Aggregate area of building:       SF  Work area:       SF |
| Option 3: Performance Compliance Method (**Ch. 3, 13)** | Option 3: Performance Compliance Method (**Ch. 3, 13)** | Option 3: Performance Compliance Method (**Ch. 3, 13)** |
| Original Building Code and Edition Applicable at the time of Construction: |  |  |  |
| Existing Sprinkler System? | YES  NO | YES  NO | YES  NO |
| Existing Fire Alarm System? | Manual  Auto | Manual  Auto | Manual  Auto |
| Seismic Evaluation Required? | YES  NO | YES  NO | YES  NO |
| Change of Occupancy: | YES  NO  Existing Occupancy Class(s):  New Occupancy Classification(s): | YES  NO  Existing Occupancy Class(s):  New Occupancy Classification(s): | YES  NO  Existing Occupancy Class(s):  New Occupancy Classification(s): |
| Historic Building: | YES  NO  Preservation  Rehabilitation  Restoration  Reconstruction | YES  NO  Preservation  Rehabilitation  Restoration  Reconstruction | YES  NO  Preservation  Rehabilitation  Restoration  Reconstruction |

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| **EXISTING BUILDING CODE INFORMATION [SCEBC]** | | |
| **DESIGNATED AREAS OF BUILDING** | **Area 4** | **Area 5** |
| Method of Compliance:  (*Check only one Option and all items that apply under that Option*.) | Option 1: Prescriptive Compliance Method **(Ch. 3, 5)**  Alteration  Addition  Change of Occupancy  Historic Building | Option 1: Prescriptive Compliance Method **(Ch. 3, 5)**  Alteration  Addition  Change of Occupancy  Historic Building |
| Option 2: Work Area Compliance Method **(Ch. 3, 6-12)**  Alteration Level 1  Alteration Level 2  Alteration Level 3  Change of Occupancy  Additions  Historic Building  Aggregate area of building:       SF  Work area:       SF | Option 2: Work Area Compliance Method **(Ch. 3, 6-12)**  Alteration Level 1  Alteration Level 2  Alteration Level 3  Change of Occupancy  Additions  Historic Building  Aggregate area of building:       SF  Work area:       SF |
| Option 3: Performance Compliance Method (**Ch. 3, 13)** | Option 3: Performance Compliance Method (**Ch. 3, 13)** |
| Original Building Code and Edition Applicable at the time of Construction: |  |  |
| Existing Sprinkler System? | YES  NO | YES  NO |
| Existing Fire Alarm System? | Manual  Auto | Manual  Auto |
| Seismic Evaluation Required? | YES  NO | YES  NO |
| Change of Occupancy: | YES  NO  Existing Occupancy Classification(s):  New Occupancy Classification(s): | YES  NO  Existing Occupancy Classification(s):  New Occupancy Classification(s): |
| Historic Building: | YES  NO  Preservation  Rehabilitation  Restoration  Reconstruction | YES  NO  Preservation  Rehabilitation  Restoration  Reconstruction |

 *Note: Per SC Building Code Chapter 10, list individual spaces occupant load on life safety plan.* ***Double Click to Edit Table.***

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| **Allowable BUILDING AREA** | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
| At Tabular allowable area factor (NS, S1, S13R or SM as applicable) in accordance with IBC Table 506.2  Allowable Area Increase  (Equations 5-1 through 5-5, as applicable)  IBC Section 506.3.2 Equation 5-4 where:  **W = (L1 x w1 + L2 x w2 + L3 x w3 +…) / F**  W = Width of public way or open space  Ln Length of a portion of the exterior perimeter wall.  wn Width (>= 20 feet) of public way or open space associated with that portion of the exterior perimeter wall.  F Building perimeter that fronts on a public way or open space having a width of 20 feet or more  IBC Section 506.3.3 Equation 5-5 where:  **If = [F/P - 0.25] W/30**  If = Area factor increase factor due to frontage  F Building perimeter that fronts on a public way or open space having a width of 20 feet or more.  P Perimeter of entire building (feet).  W Width of public way or open space in accordance with Equation 5-4 | **At** =       SF  YES  NO  Ln =        wn =  **W** =  F =    P =  **If** = | **At** =       SF  YES  NO  Ln =        wn =  **W** =  F =    P =  **If** = | **At** =       SF  YES  NO  Ln =        wn =  **W** =  F =    P =  **If** = | **At** =       SF  YES  NO  Ln =        wn =  **W** =  F =    P =  **If** = | **At** =       SF  YES  NO  Ln =        wn =  **W** =  F =    P =  **If** = |
| Allowable building area per story in square feet as calculated by Equations 5-1 through 5-3. (Indicated equation used.)  IBC Section 506.2.1 Equation 5-1 **Aa = At + ( Ns x If )**  IBC Section 506.2.3 Equation 5-2 **Aa = [At + (Ns x If )] x Sa**  IBC Section 506.2.4 Equation 5-3 **Aa = [At + (Ns x If )]**  Ns Tabular allowable area factor in accordance with Table 506.2 for a non-sprinklered building *(regardless of whether the building is sprinklered)*  Sa Actual number of building stories above grade plane, not to exceed three (3). For buildings equipped throughout with automatic sprinkler system installed in accordance with SCBC Section 903.3.1.2, use the actual number of building stories above grade plane, not to exceed four (4). | Ns =  Sa =  **Aa** =       SF | Ns =  Sa =  **Aa** =       SF | Ns =  Sa =  **Aa** =       SF | Ns =  Sa =  **Aa** =       SF | Ns =  Sa =  **Aa** =       SF |
| MAXIMUM AREA PER STORY | SF | SF | SF | SF | SF |
| AREA AS DESIGNED PER STORY  (Repeat for each story) | SF | SF | SF | SF | SF |

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| **BUILDING HEIGHT** | | | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Building Code** | **Area 1** | | **Area 2** | | **Area 3** | |
| **HEIGHT** | **-** | **DESIGNED** | **ALLOWED** | **DESIGNED** | **ALLOWED** | **DESIGNED** | **ALLOWED** |
| In Feet | **Table 504.3** |  |  |  |  |  |  |
| In Stories | **Table 504.4** |  |  |  |  |  |  |

*Note: Allowable Building Height & Number of Stories Above Grade Plane*

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| **BUILDING HEIGHT** | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Building Code** | **Area 4** | | **Area 5** | |
| **HEIGHT** | **-** | **DESIGNED** | **ALLOWED** | **DESIGNED** | **ALLOWED** |
| In Feet | **Table 504.3** |  |  |  |  |
| In Stories | **Table 504.4** |  |  |  |  |

*Note: Allowable Building Height & Number of Stories Above Grade Plane*

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| **GENERAL FIRE PROTECTION REQUIREMENTS** | | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Building Code** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
| **SEPARATIONS** | | | | | | |
| Fire Wall Required | **Section 706** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Fire Barrier Required | **Section 707** | YES  NO | YES  NO | NO  YES | YES  NO | YES  NO |
| Fire Partition Required | **Section 708** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Smoke Barriers Required | **Section 709** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Smoke Partitions Required | **Section 710** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Fireblocking | **Section 718.2** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Draftstopping | **Sections 718.3**  **& 718.4** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Incidental Use Area  One hour fire barrier  Sprinkler system plus smoke resistance | **Section 509.4** | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO |
| **ALARM & DETECTION** | | | | | | |
| Fire Alarm and Detection System  Fire Alarm  Mass Notification  Emergency voice/alarm comm. | **SCFC Section 907** | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO |
| Emergency Alarm System Required | **SCFC Section 908** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| **SUPPRESSION** | | | | | | |
| Automatic Sprinkler System  Provided  Required | **SCFC Section 903** | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO |
| Alternative Automatic Fire Extinguishing   Kitchen Hoods  Other | **SCFC Section 904** | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO | YES  NO  YES  NO |
| Standpipes Required | **SCFC Section 905** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Portable extinguishers required  General Building  Kitchen  Labs | **SCFC Section 906** | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO | YES  NO  YES  NO  YES  NO |

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| **OTHER FIRE AND LIFE SAFETY FEATURES** | | | | | | |
| **DESIGNATED AREAS OF BUILDING** | **Building Code** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
| Smoke Control System | **Section 909** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Smoke & Heat Removal Required | **SCFC 910** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Fire Department Connections | Section 912 | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Carbon Monoxide Detection | Section 915 | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Gas Detection Systems | Section 916 | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Emergency Responder Radio Coverage | Section 918 | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Fire Apparatus Access and Water Line | **SCFC 503 & 507** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| 2-way Communication Required | **Section 1009.8** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Area of Refuge  *(e.g. Separation, Two-Way Communication, and Instruction)* | **Sections 1009.6, 1009.9, 1009.10 & 1009.11** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Exterior Area for Assisted Rescue  *(e.g. Separation, Openness, and Instruction)* | **Sections 1009.7, 1009.9, 1009.10 & 1009.11** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| Safe Dispersal Area | **Section 1028.5** | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| (Add others as needed) |  | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |
| (Add others as needed) |  | YES  NO | YES  NO | YES  NO | YES  NO | YES  NO |

| **FIRE RESISTANCE RATING OF BUILDING ELEMENTS** | | | | | | | |
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| **DESIGNATED AREAS OF BUILDING** | | **Building Code** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
| Primary Structural Frame | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Bearing Walls, Exterior | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Bearing Walls, Interior | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Nonbearing Walls and Partitions, Interior | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Nonbearing Walls and Partitions, Exterior | As Required, Hrs | **Table 602** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Floor Construction and associated secondary members | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Roof Construction and associated secondary members | As Required, Hrs | **Table 601** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Fire Walls | As Required, Hrs | **Section 706** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Fire Barriers | As Required, Hrs | **Section 707** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Fire Partitions | As Required, Hrs | **Section 708** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Smoke Barriers | As Required, Hrs | **Section 709** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Smoke Partitions | As Required, Hrs | **Section 710** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Horizontal Assemblies | As Required, Hrs | **Section 711** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Shaft Enclosures | As Required, Hrs | **Sections 712 & 713** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Opening & Protective Listing by Category (fire shutters, doors, etc.) | As Required, Hrs | **Section 716** |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |
| Others (as required by Designer) | As Required, Hrs |  |  |  |  |  |  |
| As Designed, Hrs |  |  |  |  |  |
| Testing Agency & Design No.(UL, FM, etc) |  |  |  |  |  |
| Wall/Partition Key Code |  |  |  |  |  |

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| **FLOOD HAZARD INFORMATION and FLOOD LOADS** | |
| FLOOD HAZARD AREA | |
| Base Flood Elevation **(NGVD or FIRM)** | MSL |
| Design Flood Elevation **SCBC 1612.3 and ASCE 24** | MSL |
| NON HIGH-VELOCITY WAVE ACTION | |
| Elevation of Lowest Proposed Floor **(Meet ASCE 24 Section 2.6.2.1)** | MSL |
| Dry flood proofing **ASCE 24** | no  yes |
| HIGH-VELOCITY WAVE ACTION | |
| Elevation of bottom of Lowest Horizontal Structural Member of lowest floor | MSL |
| Flotation resistant **(ASCE 24)** | no  yes |
| Breakaway wall per **(ASCE 24)** | no  yes |

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| **FIRE SERVICE INFORMATION** | | |
| Service Line Size | | Inches |
| Fire Department Connection | Location |  |
| Backflow | Location |  |
| Type |  |
| Fire Hydrant Flow Test | Date |  |
| Flow | GPM |
| Residual | PSI |
| Static | PSI |

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| **ENERGY INFORMATION** | | |
| INSULATION | | |
| Roof | Cavity | R |
| Continuous | R |
| Walls | Cavity | R |
| Continuous | R |
| Underslab | | R |
| GLAZING (each type) | | |
| Window to wall ratio | North | % |
| East | % |
| South | % |
| West | % |
| Glass Type | U Factor |  |
|  | SHG |  |
|  |  |

***Summary of data from approved ASHRAE 90.1 compliance sheets.***

***Per IBC Chapter 16 and ASCE 7 – Structural tables may be shown on initial Structural Sheet of the drawings or on Sheet with***

***other code information. List floor design loads on structural plans.***

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| **STRUCTURAL DESIGN INFORMATION, AREA** | | | | | | | |
|  | | **Building Code** | **Area 1** | **Area 2** | **Area 3** | **Area 4** | **Area 5** |
| **OCCUPANCY CATEGORY** | | **Table 1604.5** | - | - | - | - | - |
| LIVE LOAD FOR EACH CCUPANCY TYPE | Floor Live Load, Fll |  | PSF | PSF | PSF | PSF | PSF |
| Roof Live Load, Rll | **Figure 1608.2 or ASCE 7** | PSF | PSF | PSF | PSF | PSF |
| Ground Snow Load, pg |  | PSF | PSF | PSF | PSF | PSF |
| MISCELLANEOUS LOADS BY SPECIAL USE AREA *(ARCHITECTURAL, MECHANICAL, DATA CENTER, ETC.)* | | **ASCE 7** | PSF | PSF | PSF | PSF | PSF |

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| **SOILS & SITE** | |
| SOILS INVESTIGATION REQUIRED? **(IBC 1803.2)** | no  yes |
| SOILS CLASSIFICATION |  |
| Seismic Site Class **(SCBC Section 1613.3.2)** |  |
| Classes Soil of Materials  (UCS System) **(SCBC 1803.5.1)** |  |
| Allowable Footing Bearing Pressure | psf |
| MINIMUM DESIGN SOIL BEARING LOAD **(SCBC Table 1806.2)** | psf |
| COMPACTION |  |
| Subgrade **(ASTM D698, ASTM D1557)**  or **(AASHTO only for paving & roads)** | % |
| Base **(ASTM D698, ASTM D1557)**  or **(AASHTO only for paving & roads)** | % |
| Other **(ASTM D698, ASTM D1557)**  or **(AASHTO only for paving & roads)** | % |
| MINIMUM DESIGN SOIL LATERAL LOAD  **(SCBC 1610.1)** | psf |
| FOOTINGS |  |
| Undisturbed footings | no  yes |
| Compacted Fill Material **(SCBC Section 1804.6)** | no  yes |
| ELEVATIONS |  |
| Elevation of Water Table | MSL |
| Elevation of lowest footing | MSL |
| Elevation of lowest floor or basement | MSL |

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| **STRUCTURAL DESIGN INFORMATION, BUILDING** | | |
| WIND LOADS | Analysis Procedure **(ASCE 7 or SCBC 1609.6)** |  |
| Basic design Wind Speed, MPH  **(3 sec gust IBC Fig 1609.3)** | = V |
| Exposure Category |  |
| Wind Importance Factor **(ASCE 7 Table 1.5-2)** | = Iw |
| Internal Pressure Coefficient **(ASCE 7)** | = GCpi |
| External Pressure Coefficient **(ASCE 7)** | = GCp |
| SEISMIC LOADS/Earthquake | Seismic Importance Factor **(ASCE 7)** | = I |
| Site Class **(SCBC Section 1613.3.2)** |  |
| Mapped Spectral Response Accelerations | = Ss |
| = S1 |
| Design Spectral Response Acceleration Parameters | = SDS |
| = SD1 |
| Seismic Use Group **(ASCE 7 and Seismic Occupancy Category IBC)** |  |
| Seismic Design Category   **SCBC Tables 1613.3.5(1) & 1613.3.5(2)** |  |
| Basic Seismic Force Resisting System |  |
| Design Base Shear | KIPS |
| Seismic Response Coefficient(s) **ASCE 7** | = Cs |
| Response Modification Factor(s) **ASCE 7** | = R |
| Analysis Procedure |  |

***The Designer(s) of Record shall determine the material and/or work on the project requiring Special Inspections. The Special Inspection requirements shall be based on Section 1704 & Section 1705 of the 2018 South Carolina Building Code. Any deviations from the requirements of Section 1704 and/or Section 1705 must be approved by OSF. Per SCBC Chapter 16 and ASCE 7 – This information may be shown on initial Structural Sheet of the drawings or on Sheet with other code information. List floor design loads on structural plans.***

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| **STATEMENT OF SPECIAL INSPECTIONS** | | | | |
| MATERIAL | TYPE OF INSPECTION | FREQUENCY | SPECIFICATION REFERENCE | INSPECTION BY |
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***Provide a table for each structure.***

|  |  |  |
| --- | --- | --- |
| **PLUMBING INFORMATION** | | |
| **WATER SYSTEM** | | |
| Service Line Size | Inches | |
| Distribution Design Criteria **(SCPC Table 604.3)** | Fixture Units | |
| Maximum Flow Rate **(SCPC Table 604.4)** | GPM | |
| Backflow | Location |  |
| Type |  |
| Test Pressure | psi | |
| **SANITARY SEWER SYSTEM** | | |
| Service Line Size | Inches | |
| Drainage Design Criteria **(SCPC Tables 709.1 and 709.2)** | Fixture Units | |
| Maximum Flow Rate | GPD | |
| **Slope (SCPC Table 704.1)** | Inches/Ft | |

|  |  |  |
| --- | --- | --- |
| **SUMMARY OF FIXTURES** **(SCPC Section 403 & Table 403.1)** | | |
| Water Closets | Male-Required |  |
| Male WC -Provided |  |
| Male Urinal -Provided |  |
| Female-Required |  |
| Female-Provided |  |
| Lavatories | Male-Required |  |
| Male-Provided |  |
| Female-Required |  |
| Female-Provided |  |
| Showers | Male-Provided |  |
| Female-Provided |  |
| Drinking Fountains | Required |  |
| Provided |  |
| Family or Assisted-Use Toilet | Required |  |
| Provided |  |
| Service Sink | Required |  |
| Provided |  |
| Others (list) | Required |  |
| Provided |  |

***Summary of data from approved ASHRAE 90.1 compliance sheets.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **MECHANICAL INFORMATION** | | | | | | |
| GENERAL INFORMATION | | | | | | |
| Building Location | | | |  | | |
| Climate Zone | | | |  | | |
| Outdoor Design Temperature | | | | Summer | deg F DB | |
| deg F WB | |
| Winter | deg F DB | |
| deg F WB | |
| Indoor Design Temperature | | | | Summer | deg F DB | |
| % RH | |
| Winter | deg F DB | |
| % RH | |
| OUTSIDE AIR | | | | | | |
| Occupied Minimum Outside Air | | | cfm per person | | | |
| CO2 Demand Management | | | no  yes | | | |
| Supervised Control System | | | no  yes | | | |
| MECHANCIAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT | | | | | | |
| Briefly describe mechanical system: | | | | | | |
|  | | | | | | |
|  | | | | | | |
| **ELECTRICAL INFORMATION** | | | | | | |
| SERVICE TRANSFORMER | | By Utility | | | | |
| By District | | | | KVA Primary |
| Voltage/Phase |
| ELECTRICALSERVICE INFORMATION | | | | | | |
| Service Voltage/Phase |  | | | | | Amperes |
| Service Entrance Conductors Size |  | | | | | Qty per Phase |
| Total Connected Load | | | | | | KVA |
| Estimated Maximum Demand | | | | | | KVA |
| Available Fault Current in Symmetrical Amperes | | | | | |  |
| Interrupting Capacity of Service Overcurrent Device | | | | | |  |
| Grounding electrode system components (NEC 250) | | | | | |  |
| EMERGENCY SERVICE INFORMATION | | | | | | |
| Emergency Generator | | no  yes | | | | KVA |
| Voltage/Phase |
| Fuel | | | |  |
| Exit/Emergency Lights Backup Power | | | | | | Integral Battery |
| Generator |
| Fire Alarm System | | Manual  Automatic | | | | Addressable |
| Class A |
| Class B |
| LIGHTNING PROTECTION PROVIDED | | | | | | no  yes |

Note: Expand as Needed. **Double Click to Edit & Change.**