### I. Administrative/Supplemental Documents

1. Design professional seal on three sets of construction documents (*I wet/embossed*):
   - Provided
   - Required
   - N/A

2. Licensed Contractor named:
   - Provided
   - Required
   - N/A

3. Approved Special Inspection Agency:
   - Provided
   - Required
   - N/A
   
   a. Statement of Special Inspections Form:
      - Provided
      - Required
      - N/A
   
   b. Duties and Responsibilities Agreement:
      - Provided
      - Required
      - N/A

4. Geotechnical Report with professional Engineer’s seal (3 sets):
   - Provided
   - Required
   - N/A

5. Structural Design Criteria Form or shown on Plan:
   - Provided
   - Required
   - N/A

6. Flood Plan Information Form:
   - Provided
   - Required
   - N/A

### II. Pre-Requisite Approvals

1. Zoning/Use Registration Permit:
   - Provided
   - Required
   - N/A

2. Streets Department approval:
   - Provided
   - Required
   - N/A

3. City Planning Commission approval:
   - Provided
   - Required
   - N/A

4. PWD water/sewer available stamp:
   - Provided
   - Required
   - N/A

5. Fire Department approval (FCC):
   - Provided
   - Required
   - N/A

6. Historical Commission approval:
   - Provided
   - Required
   - N/A

7. PA Department of Health approval:
   - Provided
   - Required
   - N/A

8. Asbestos Investigation Report:
   - Provided
   - Required
   - N/A

9. Art Commission approval (*city owned/funded*):
   - Provided
   - Required
   - N/A

### III. Plan Review

1. Occupancy Classification(s) (*B302*):

2. Building Construction Type(s) (*B602/603*):

3. Building Height/Area compliant (*B504*):
   - Provided
   - Required
   - N/A
   
   a) Area increase Factor due to Frontage (*B506.3*):
      - Provided
      - Required
      - N/A
   
   b) Unlimited Area Buildings (*B507*):
      - Provided
      - Required
      - N/A

4. Mezzanines Compliant (*B505*):
   - Yes
   - No
   - N/A

5. Mixed Occupancies Separation compliant (*B508*):
   - Yes
   - No
   - N/A

6. Special Provisions compliant (*B510*):
   - Yes
   - No
   - N/A
7. Special Detailed requirements based on use and occupancy (B401):

<table>
<thead>
<tr>
<th>Covered Mall/Open Mall Buildings</th>
<th>Atrium</th>
<th>Underground Buildings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Vehicle Related Occupancies</td>
<td>Group I-2</td>
<td>Group I-3</td>
</tr>
<tr>
<td>Motion Picture Projection Rooms</td>
<td>Stages/Platforms</td>
<td>Special Amusement Bldg</td>
</tr>
<tr>
<td>Aircraft Related Occupancies</td>
<td>Combustible Storage</td>
<td>Hazardous Materials</td>
</tr>
<tr>
<td>Group H1, H2, H3, H4, H5</td>
<td>Flammable Finishes</td>
<td>Drying Room</td>
</tr>
<tr>
<td>Organic Coatings</td>
<td>Live/Work Units</td>
<td>Group I-1, R1, R2, R3</td>
</tr>
<tr>
<td>Ambulatory Health care facilities</td>
<td>Storm shelters</td>
<td>Hydrogen Fuel Gas Rooms</td>
</tr>
<tr>
<td>Children’s Play Structure</td>
<td>Medical Gas System</td>
<td>Hyperbaric Facilities</td>
</tr>
<tr>
<td>Combustible Dust, Grain, Storage</td>
<td>Higher Educ. Labs</td>
<td></td>
</tr>
</tbody>
</table>

Additional Notes:

8. Fire resistance ratings for building elements are compliant (B601):

- Fire resistance rating - exterior walls are compliant (B602):
  - Yes
  - No

- Exterior Walls compliant (B705.8):
  - Yes
  - No

- Fire Walls compliant (B706):
  - Yes
  - No

- Fire Barriers compliant (B707):
  - Yes
  - No

- Fire Partitions compliant (B708):
  - Yes
  - No

- Smoke Barriers compliant (B709):
  - Yes
  - No

- Smoke Partitions compliant (B710):
  - Yes
  - No

- Floor/Roof Assemblies compliant (B711):
  - Yes
  - No

- Vertical openings (B712):
  - Yes
  - No

- Shaft enclosures compliant (B713):
  - Yes
  - No

- Penetrations compliant (B714):
  - Yes
  - No

- Fire-resistant Joint Systems (B715):
  - Yes
  - No

- Opening Protective (fire door/shutters) compliant (B716):
  - Yes
  - No

- Opening protective (fire window) compliant (B716):
  - Yes
  - No

- Ducts and air transfer openings compliant (B717):
  - Yes
  - No

- Concealed Spaces compliant (B718):
  - Yes
  - No

- Miscellaneous:
  a. Fire resistance for plaster (B719):
    - Yes
    - No
  b. Thermal/sound-insulating materials (B720):
    - Yes
    - No
  c. Prescriptive fire resistance (B721):
    - Yes
    - No
  d. Calculated Fire Resistance (B722):
    - Yes
    - No

9. Interior Finishes (Chapter 8)

- Shown on plans and/or included on Plan Review Form: Yes No

10. Fire Protection (Chapter 9)

- Automatic Sprinkler System proposed (B903):
  - Yes
  - No
  a. Sprinkler meets NFPA standard: 13 13R 13D
b) Standpipe System proposed (B905):
   a. Type required: □Automatic  □Manual  □Wet  □Dry
   □ Yes □No □N/A

c) Fire Alarm and Detection Systems on plan/PRF (B907):
   □ Yes □No □N/A

d) Smoke Control System on plans/PRF (B909):
   □ Yes □No □N/A

e) Smoke and Heat Vents on plans/PRF (B910):
   □ Yes □No □N/A

11. Means of Egress (Chapter 10)
   a) Occupant Load (B1004):
      □ Yes □No □N/A
   b) Means of Egress Sizing compliant (B1005):
      □ Yes □No □N/A
   c) Number of exits and exit access doorways compliant (B1006):
      □ Yes □No □N/A
   d) Exit & Exit Access Doorway Configuration Compliant (B1007):
      □ Yes □No □N/A
   e) Means of Egress Illumination compliant (B1008):
      □ Yes □No □N/A
   f) Accessible means of egress compliant (B1009):
      □ Yes □No □N/A
   g) Doors, Gates and Turnstiles compliant (B1010):
      □ Yes □No □N/A
   h) Stairways compliant (B1011):
      □ Yes □No □N/A
   i) Ramps compliant (B1012):
      □ Yes □No □N/A
   j) Exit Signs compliant (B1013):
      □ Yes □No □N/A
   k) Handrails compliant (B1014):
      □ Yes □No □N/A
   l) Guards compliant (B1015):
      □ Yes □No □N/A
   m) Exit Access compliant (B1016):
      □ Yes □No □N/A
   n) Exit Access Travel distance compliant (B1017):
      □ Yes □No □N/A
   o) Aisles compliant (B1018):
      □ Yes □No □N/A
   p) Exit Access Stairways & Ramps compliant (B1019):
      □ Yes □No □N/A
   q) Corridors compliant (B1020):
      □ Yes □No □N/A
   r) Egress Balconies compliant (B1021):
      □ Yes □No □N/A
   s) Exits compliant (B1022):
      □ Yes □No □N/A
   t) Interior Exit Stairways & Ramps compliant (B1023):
      □ Yes □No □N/A
   u) Exit Passageway compliant (B1024):
      □ Yes □No □N/A
   v) Luminous Egress Path Markings compliant (B1025):
      □ Yes □No □N/A
   w) Horizontal Exit compliant (B1026):
      □ Yes □No □N/A
   x) Exterior Exit Stairways & Ramps compliant (B1027):
      □ Yes □No □N/A
   y) Exit Discharge compliant (B1028):
      □ Yes □No □N/A
   z) Assembly compliant (B1029):
      □ Yes □No □N/A
   aa) Emergency Escape and Rescue compliant (B1030):
      □ Yes □No □N/A

12. Accessibility (Chapter 11)
   a) Accessible Route compliant (B1104):
      □ Yes □No □N/A
   b) Accessible Entrances provided (B1105):
      □ Yes □No □N/A
   c) Parking/passenger loading facilities provided (B1106):
      □ Yes □No □N/A
| d) Dwelling units/Sleeping units compliant (B1107): | □ Yes □ No □ N/A |
| e) Special Occupancies compliant (B1108): | □ Yes □ No □ N/A |
| f) Other features and facilities compliant(B1109): | □ Yes □ No □ N/A |
| a. Family assisted facilities compliant (B1109.2.1): | □ Yes □ No □ N/A |
| b. Recreational and sports facilities (B1110): | □ Yes □ No □ N/A |
| c. Others: ________________________________ | □ Yes □ No □ N/A |
| g) Signage compliant (B1111): | □ Yes □ No □ N/A |

13. Interior Environment (Chapter 12)

| a) Ventilation compliant (B1202): | □ Yes □ No □ N/A |
| Attics □ Crawl Spaces □ Natural □ Bathroom □ Exhausts |
| b) Artificial and/or Natural Lighting compliant (B1204): | □ Yes □ No □ N/A |
| c) Yards and courts compliant (B1205): | □ Yes □ No □ N/A |
| d) Sound Transmission compliant (B1206): | □ Yes □ No □ N/A |
| e) Interior space dimensions compliant (B1207): | □ Yes □ No □ N/A |
| f) Access to unoccupied spaces compliant (B1208): | □ Yes □ No □ N/A |
| g) Toilet & Bathroom Requirements compliant (B1209): | □ Yes □ No □ N/A |

14. Exterior Walls (Chapter 14)

| a) Flashing compliant (B1404.4): | □ Yes □ No □ N/A |
| b) Veneers compliant (B1404.5 - 12): | □ Yes □ No □ N/A |
| c) Siding compliant (B1405.14 - 18): | □ Yes □ No □ N/A |
| d) Combustible materials compliant (B1405): | □ Yes □ No □ N/A |
| e) Metal Composite Materials compliant (B1406): | □ Yes □ No □ N/A |
| f) EIFS compliant (B1407): | □ Yes □ No □ N/A |
| g) HPL compliant (B1408): | □ Yes □ No □ N/A |

15. Roof Assemblies and Rooftop Structures (Chapter 15)

| h) Weather protection compliant (B1503): | □ Yes □ No □ N/A |
| i) Flashing installed (B1503): | □ Yes □ No □ N/A |
| j) Performance requirements compliant (B1504): | □ Yes □ No □ N/A |
| k) Fire classification compliant (B1505): | □ Yes □ No □ N/A |
| l) Roof coverings compliant (B1507): | □ Yes □ No □ N/A |
| m) Reflectivity and energy Star provided (Bill#090923): | □ Yes □ No □ N/A |
| n) Roof Insulation (B1508): | □ Yes □ No □ N/A |
| o) Rooftop structures compliant (B1510): | □ Yes □ No □ N/A |

16. Structural Systems (Chapter 16)

| a) Occupancy Risk Category (Table 1604.5): | □ I □ II □ III □ IV |
| b) Live loads on S.C.D. Form complies (B1607): | □ Yes □ No □ N/A |
| c) Loads on handrails/guards complies (B1607.8): | □ Yes □ No □ N/A |
17. Special Inspections (Chapter 17)
   a) Inspections form is inclusive of required inspections: □ Yes □ No □ N/A

18. Soils and Foundations (Chapter 18)
   a) Geotechnical report is consistent w/ project: □ Yes □ No □ N/A
      a. Consistent with Code Bulletin B-9906-R4 □ Yes □ No □ N/A
   b) Damproofing and waterproofing provided (B1805): □ Yes □ No □ N/A
   c) Load bearing values compliant (B1806.2): □ Yes □ No □ N/A
   d) Foundation wall design compliant (B1807): □ Yes □ No □ N/A
   e) Foundations/footing compliant (B1808):
      a. Shallow foundations (B1809): □ Yes □ No □ N/A
      b. Deep foundations (B1810): □ Yes □ No □ N/A

19. Concrete (Chapter 19):
   a) Construction documents for structural concrete construction provided on plans and
      specifications (B1901.5): □ Yes □ No □ N/A
   b) f’c (design value) meets / exceeds minimum compressive strength (B1904.1): □ Yes □ No □ N/A
   c) ACI 318 is referenced (or see 1905.1.2 for modifications): □ Yes □ No □ N/A
   d) Slab installation is compliant (B1907): □ Yes □ No □ N/A

20. Masonry installation (Chapter 21):
   a) Specs. of materials and masonry types provided (B2108): □ Yes □ No □ N/A
   b) Masonry Fireplaces compliant (B2111): □ Yes □ No □ N/A
   c) Masonry Chimney compliant (B2113): □ Yes □ No □ N/A

21. Steel installation compliant (Chapter 22):
   a) Material specifications provided: □ Yes □ No □ N/A
   b) Steel joists compliant (B2207): □ Yes □ No □ N/A
   c) Trusses compliant (B2211.1.3): □ Yes □ No □ N/A

22. Wood (Chapter 23)
   a) Fire retardant treated wood provided where req’d (B2303.2): □ Yes □ No □ N/A
   b) Truss design & layout drawings provided (B2303.4):
      a. Amended permit required: □ Yes □ No
   c) Min. thickness of wall sheathing compliant (B2304.6): □ Yes □ No □ N/A
   d) Min. floor and roof sheathing compliant (B2304.8): □ Yes □ No □ N/A
   e) Joist hangers & connectors identified on plans (B2304.10): □ Yes □ No □ N/A
### IBC NEW CONSTRUCTION/ADDITION
#### PLAN REVIEW CHECKLIST

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Compliance Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>f)</td>
<td>Load path of framing members considered (B2304.10):</td>
<td>Yes</td>
</tr>
<tr>
<td>g)</td>
<td>Heavy timber (IV) construction compliant (B2304.11):</td>
<td>Yes</td>
</tr>
<tr>
<td>h)</td>
<td>Shear walls and diaphragms compliant (B2305, B2306):</td>
<td>Yes</td>
</tr>
<tr>
<td>i)</td>
<td>Decay and termite protection provided (B2303.1.9):</td>
<td>Yes</td>
</tr>
<tr>
<td>j)</td>
<td>Allowable floor span compliant:</td>
<td>Yes</td>
</tr>
<tr>
<td>k)</td>
<td>Rafter tie connections compliant:</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td><strong>Conventional Light-Frame Construction (2308)</strong>&lt;br&gt; a. Braced Wall design compliant (B2308.6):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>b. Foundation Anchorage compliant (B2308.3):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>c. Floor joists compliant (B2308.4.2):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>d. Wall construction compliant (B2308.5):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>e. Girders compliant (B2308.5.5):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>f. Ceiling joists compliant (B2308.7.1):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>g. Roof rafters compliant (B2308.7.2):</td>
<td>Yes</td>
</tr>
<tr>
<td>l)</td>
<td>h. Roof uplift compliant (B2308.7.5):</td>
<td>Yes</td>
</tr>
</tbody>
</table>

23. **Glass and Glazing (Chapter 24)**<br> a) Sloped glazing and skylights compliant (B2405): | Yes | No | N/A |
| b) Safety glazing compliant (B2406-B2409): | Yes | No | N/A |

24. **Elevators (Chapter 30)**<br> a) Machine rooms provided/compliant (B3006): | Yes | No | N/A |
| b) Fire service access elevator provided/compliant (B3007): | Yes | No | N/A |

25. **Safeguards During construction (Chapter 33 and Code Bulletin B0503-R2)**<br> a) Protection of pedestrians provided (B3306): | Yes | No | N/A |
| b) Protection of adjoining properties (B3307): | Yes | No | N/A |
| c) Construction documents provided with detailed plan for protecting footings/foundations (Underpinning) or Statement of no special precautions/measures (CB): | Yes | No | N/A |
| d) Soils Report provides information for sheeting/shoring for ROW, alleys and yards of adjacent properties (Excavation 12’ or less) (CB): | Yes | No | N/A |
| e) Engineered designed sheeting/shoring plans provided (excavation greater than 12’ and horizontally closer to edge of adj property than a distance of 1.25 X depth of excavation (CB)): | Yes | No | N/A |
| f) Other methods of protection of footways/ROW (tie-backs/soil nailing) is approved by Streets Department (CB): | Yes | No | N/A |