

# STANDARD PLAN EVALUATION CHECKLIST

As per Section 302 of PD 1096 Revised IRR

## ARCHITECTURAL PLANS

1.  **Standard Form (A0, A1, A2, A3) for Plans (with Borders & Title Block)**  
For front page: show Table of Contents, Perspective, Locational Plan, Site Development Plan, Space for Signatures of Approval by OBO.
2.  **Lot Plan** - showing Orientation, Bearing, Distance, Adjacent Roads, Access Roads and Properties, Indicate Lot Area
3.  **Site Development Plan** - indicating the following:
  - Drawn to Scale
  - Technical Description and Orientation
  - Setback / Easement Requirements
  - Indicate Adjacent Roads and Lots
  - Parking Layout
4.  **Perspective** : Eye Level or Bird's Eye View
5.  **Vicinity Map / Locational Plan** - within 2 km. radius for Commercial, Industrial and Institutional Complex
6.  **Restrictions** : Abutments and Firewalls
7.  Indicate **Column Gridlines & Dimensions** - site dev't, all floor plans elevations and sections, blow-up details
8.  **Floor Plans** - minimum scale of 1:100, indicate doors & window labels, room labels and complete dimensions.
9.  **Minimum 4 Elevations & 2 Sections** - showing natural ground to finish grade elevation, floor to floor heights.
10.  **Stairs / Access** - blow-up plans & sections
11.  **Toilet and Bath Details** - blow-up plans and sections showing specs. of finishes and fixtures
12.  **Kitchen Details** - blow-up plans and sections showing specifications of finishes and fixtures
13.  **Doors and Windows Schedule** - blow-up details showing the type, location, material / finishes, and quantity.
14.  **Roof Plan / Roof Deck Plan** - indicate in the Project Title if Roof Deck is passable or non passable.
15.  **Architectural Accessibility Features (BP344)**  
Ramp, Elevator, Toilet, Parking, PWD Signage, etc.
16.  **Other Architectural Plan Requirements** : (as needed)  
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## MECHANICAL PLANS

1.  **General Notes / Guidelines and Specifications**
2.  **Mechanical Plans & Details**
  - HVAC, A/C Layout, AFSS, etc.
  - Equipment (Gondola, Tower Crane, Elevator, Escalator, Genset, Pumps, Boiler, Mechanical Ventilation, ICE, etc.)
  - Location of Equipment / Machine(s)
  - Specification and Schedule of Equipment / Machine(s)
  - Typical Connection / Support Details
  - Blow-up Details / Single Line Diagram
  - Legends, Symbols & Abbreviations
3.  **Vicinity Map**
4.  **Other Mechanical Plan Requirements** : (as needed)  
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## PLUMBING / SANITARY PLANS

1.  **General Notes / Guidelines and Specifications**
2.  **Plumbing / Sanitary Plans & Details**
  - Potable Water Supply Layout / Hot and Cold Line
  - Sewer / Soil Pipe Line Layout
  - Storm Drainage Layout
  - Isometric Drawing
  - Septic Tank / Vault Details - must be slab flooring
  - Area Drain / Catch Basin Details
  - Toilet Fixtures mounting and connection Details
  - Kitchen Fixtures mounting and connection Details
  - Hangers and Support Details
  - Oil and Water Separator Layout and Details
  - Rain Water Collector Layout and Details
  - Legends, Symbols & Abbreviations
3.  **Vicinity Map**
4.  **Other Plumbing / Sanitary Plan Requirements** : (as needed)  
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## STRUCTURAL PLANS

1.  **General Notes and Specifications**
  2.  **Structural Plans** - *should match* Structural Analysis & Design Calc.
    - Foundation Plan(s)
    - Floor Framing Plan(s)
    - Roof / Roof Deck Framing Plan(s)
    - Roof Truss Plan(s)
  3.  **Standard Details / Typical Details** - (CHB Walls, Wall Footings, etc.)
  4.  **Structural Details** :
    - Schedule of Slabs / Slab Details
    - Schedule of Beams / Beam Details
    - Schedule of Columns / Column Details
    - Schedule of Footings / Footing Details
    - Schedule of Trusses / Truss Details
    - Connection Details (Bolted / Welded)
  5.  **Structural Analysis and Design Calculation (on Bond Paper)**
    - Design Criteria (Load Assumptions, Materials Specs, etc.)
    - Structural Model Printout (STAAD, ETABS, Midas, etc.)
    - Structural Design Proper - *show design forces from structural model* (purlins, trusses, beams, slabs, columns, footings, walls, etc.)
- NOTE:**
- \* **Seismic Analysis and Design** is mandatory for buildings 2-storey & above OR 6 meters or greater in height.
  - \* **Wind Load Analysis** is mandatory for warehouses, covered courts, towers, billboards, and buildings 4-storey & above.
6.  **Other Structural Plan Requirements** : (as needed)  
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## ELECTRICAL PLANS

1.  **General Notes / Guidelines and Specifications**
2.  **Electrical Plans**
  - Power Layout
  - Lighting Layout (indicate switches)
  - Auxilliary Layout (for Residential application)
  - Legends, Symbols & Abbreviations
3.  **Electrical Details**:
  - Schedule of Loads and Computation
  - Single Line Diagram of the whole installation
  - Riser Diagram for multi-storey building
  - Panel Board Details / Circuit Breaker Diagram
  - Electrical Design Analysis
  - Short Circuit Calculations
  - Voltage Drop Calculations
4.  **Vicinity Map**
5.  **Other Electrical Plan Requirements** : (as needed)  
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## ELECTRONICS PLANS

1.  **General Notes / Guidelines and Specifications**
2.  **Electronics Plans & Details**
  - Telecommunication Facilities Distribution System (Structured Cabling) (Telephone, Intercom, Data, Equipment Room, etc.)
  - Security and Alarm System (CCTV, Access Control, Theft Sensor, etc.)
  - Fire Detection and Alarm System (FDAS)
  - Public Address Systems (PA) / Background Music (BGM)
  - Electronics Displays (Digital Billboard, Kitchen Video Display System, etc.)
  - Cable Television System
  - Distributed Antenna System
  - Medical Equipment, Queuing, Ticketing, ATM, etc.
  - Specification and Schedule of Equipment
  - Typical Connection / Support Details / Blow-up Details
  - Single Line Diagram / Riser Diagram
  - Legends, Symbols & Abbreviations
3.  **Vicinity Map**
4.  **Other Electronic Plan Requirements** : (as needed)  
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