

# COMMERCIAL APPLICATION REQUIREMENTS

## CODES ADOPTED

- A. 2015 Minnesota State Building Code (Which includes)
  - 1. 2012 International Building Code / with MN Amendments
  - 2. 2011 National electrical Code
  - 3. 2015 MN Mechanical and Fuel Gas Codes 1346
  - 4. 2007 MN State Fire Code
  - 5. 2015 MN Conservation Code 1311
  - 6. 2015 MN Accessibility Code 1341
  - 7. 2012 MN Plumbing Code 4715
  - 8. 2015 MN Commercial Energy Code 1323

## Design Loads

- A. Ground snow load: 60lbs
- B. Winds speed: 90 mph
- C. Frost Depth: 60 inches
- D. Seismic zone: A

## Building Plans

- A. 1 full set and 1, half size or PDF Electronic File, *preferred* ( Architectural signatures required)
  - 1. Scaled site plan including
    - a. Setbacks of all proposed and existing built improvements from property lines.
    - b. Off street parking space and ratio calculations, size of spaces noted.
    - c. Landscaping plan meeting city requirements
    - d. Exterior lighting plans both pole and wall mounted lights showing details of type and size.
  - 2. Code analysis
  - 3. Elevations
  - 4. Building sections
  - 5. Connection details
  - 6. Structural sections (signed by a structural engineer)
  - 7. Sprinkler plans (if required, one copy to the State of MN Fire Marshal)
  - 8. Fire alarm plans (if required)
  - 9. Plumbing plans (one copy to the State of MN. DOLI)
  - 10. Electrical plans

## Submittal Documents

- A. Specifications: 1 set
- B. Mechanical plans: ( 2 sets if not part of main plan) with all equipment sizes & energy calcs
- C. Energy code Analysis: 2 copies
- D. UL Listings: 1 copy on all fire stop systems and safety glazing used.
- E. Certificate of survey
- F. Utilities easement drawing and descriptions

G. Number of water meters needed with sizes including irrigation meters

## **Storm Water Plan**

- A. Civil plans Acad.dwg & signed by a civil engineer
1. Concrete Sq. Ft.
  2. Bituminous Sq. Ft.
  3. Compacted aggregate surfacing material sq. ft.
  4. Grass & Planters Sq. Ft.
  5. Building Sq. Ft.
  6. Lot Sq. Ft.
  7. 100-year storm water design with elevations, one foot contours and calculations (Acad.dwg)
  8. Elevation of saturated soils

## **Developers Agreement**

- A. Full legal company name of land owner  
B. Land owners full legal name and title  
C. Legal description of property

## **SAC & WAC**

- A. Floor plans for each floor with usage labeled (Acad.dwg)  
B. Water design layout with elevations (Acad.dwg)  
C. Sewer design layout with elevations (Acad.dwg)

## **Architectural Review**

- A. Elevation drawings with all mechanical and meter locations  
B. Identification of all materials used  
C. Samples of materials (when required)

## **Notes:**

- All planning and zoning requirements should be approved prior to submitting the permit application.
- The required inspections must be called in a minimum of 24 hours in advance. Inspections are scheduled first come first serve, so you may not get an inspection in 24 hours.
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