

COMMERCIAL APPLICATION REQUIREMENTS

CODES ADOPTED

- A. 2020 Minnesota State Building Code (Which includes)
 - 1. 2018 International Building Code / with MN Amendments 1305
 - 2. 2018 National electrical Code 1315
 - 3. 2018 MN Mechanical and Fuel Gas Codes 1346
 - 4. 2018 MN State Fire Code
 - 5. 2018 MN Conservation Code 1311
 - 6. 2018 MN Accessibility Code 1341
 - 7. 2018 MN Plumbing Code 4715
 - 8. 2018 MN Commercial Energy Code 1323

Design Loads

- A. Ground snow load: 60lbs
- B. Winds speed: 90 mph
- C. Frost Depth: 50 inches
- D. Seismic zone: A

Building Plans

- A. 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
 - 11. Energy submittals to include Com-check or ASHRI 90.1

Submittal Documents

- A. Specifications: 1 digital set
- B. Mechanical plans: (1digital set) with all equipment sizes & energy calcs
- C. Energy code Analysis: 1 digital copies
- D. Geotechnical report
- E. Certificate of survey
- F. Utilities easement drawing and descriptions

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)
- D. Number of water meters needed with sizes including irrigation meters

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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