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Green Building Ordinance Sustainable Building Requirements for Interior Renovations

Interior Renovations for all City-owned, City-financed, Commercial and Multi-family Buildings shall achieve LEED Silver Rating or higher or Evanston Sustainable Building Measures for Interior Renovations (ESBMIR) based on the following:

- For projects < 5,000 sq. ft. (remodeled area) = 3 ESBMIR required
- For projects 5,000 sq. ft. - 20,000 sq. ft. (remodeled area) = 5 ESBMIR required
- For projects > 20,000 sq. ft. (remodeled area) = 7 ESBMIR required

Information on the Green Building Ordinance (GBO) can be found on the City of Evanston website at <https://www.cityofevanston.org/government/departments/community-development/building-inspection-services/green-building-ordinance>

MEASURE SUMMARY

Project Address _____ Date _____

Project Name _____

Project Description _____

Contact Person _____ Phone _____

LEED Silver or Higher:

- If meeting the GBO requirement by employing LEED Silver Rating or Higher check bullet.

Sustainable Measures:

If meeting the GBO requirements by employing Evanston Sustainable Building Measures for Interior Renovations (ESBMIR), check all measures that apply to this project. Each bullet shall count as one measure unless otherwise noted.

- All hardscape no less than 50% permeable
- All plumbing fixtures to use WaterSense, as applicable
- Use of a grey-water or storm water harvesting system
- Use of daylighting controls in a minimum of 50% of spaces within 15 ft. of exterior wall
- Exceed the Lighting Power Density (LPD's) of the current City of Evanston Energy Code by no less than 5% and show compliance using *Comcheck*
- All new warm air combustion furnaces to have a minimum Annual Fuel Utilization Efficiency (AFUE) rating of 90%
- All new Air conditioners and Condensing Units greater than 65,000 btu/hr to have a minimum SEER rating of 15
- All new Electronically Operated Unitary Air Conditioners and Condensing Units less than 65,000 btu/hr to have a minimum SEER rating of 12

- Mechanical and lighting system to be commissioned in accordance with ASHRAE guideline 0, current edition
- Mechanical, lighting, and miscellaneous electrical systems to be monitored with the capability to log the data for a minimum of a one year period
- Perform Retro Commissioning under Energy Star Program using existing commercial building guidelines
- Provide at least 3% of the building's annual energy use with onsite renewable energy production
- Register and obtain Building Operator Certification under the Midwest Energy Efficiency Alliance (MEEA) Program
- Exceed the prescriptive envelope provisions of the current City of Evanston Energy Code by no less than 17.5% and show compliance using Comcheck
- Exceed the prescriptive envelope provisions of the current City of Evanston Energy Code by no less than 35% and show compliance using Comcheck (counts as 2 measures)
- Install an ENERGY STAR compliant roof
- Provide a vegetative roof over not less than 20% of the roof area
- Maintain no less than 50% of existing exterior walls, floors, and roof
- Maintain no less than 50% of non-shell elements
- Use not less than 75% of all new wood certified by the Forest Stewardship Council (FSC)
- Reuse no less than 10% of existing project materials (sell, donate, reuse)
 - o Non-code windows for non-conditioned spaces
 - o Lumber, wood scraps, reusable forms
 - o Unused supplies
 - o Fixtures and appliances
- Use recycled content materials for no less than 10% of project materials
- Use recycled content materials for no less than 20% of project materials (counts as 2 measures)
- Use no less than 10% of project materials or product that have been extracted, harvested, recovered, as well as manufactured within 500 miles of the project site
- Use material rated with a 40-50 year for roof replacement
- Use Rapidly Renewable Material for no less than 2.5% of project materials
- Use of low VOC finishes for at least two of the following materials (1 measure for each two of the following bullet points):
 - o All paints and coatings
 - o All field applied adhesives
 - o All carpeting
 - o All furniture systems – Greenguard Certified
 - o All composite wood free from urea-formaldehyde

Summary:

Floor Area of Interior Renovation _____ sq. ft.

Total ESBMIR provided _____

Total ESBMIR required by ordinance _____

Submitted by: _____

Firm

Name/ Signature