

Alpha Building Energy Calculations

Commercial Checklist

- Envelope
- Floor Plan with North Arrow & Roof Plan (if skylights)
- (If not stand-alone building, please advise the location of the adjoining space).
- Elevations or Window Schedule or Window Size Marked on Plans.
- (Please include any information regarding overhangs or awnings to be used if not shown on plans).
- Type of Glazing and Frames planned if other than standard storefront type.
- Sections or Floor type and Ceiling Heights information.
- Wall/Roof Construction (include insulation planned or in use, metal/wood/stud etc.).
- HVAC
- All five envelope items above
- Floor Plans or Mechanical Plans showing desired zoning.
- Equipment Schedule which should include equipment selection, exhaust fans and hot water source selections.
- Lighting Load
- Lighting/Fixture Schedule
- Occupant Load.
- Floor Plan and/or Reflected Ceiling Plan showing task areas within space and ceiling heights.
- Interior elevations and/or information for lighting display elements in the space (i.e. merchandise cases, wall units, art work, menu boards etc.)