

#### Space Measurement Standards

#### Property Management Virtual Workshop May 22, 2013

# Advantages of Using a Standard Method for Measuring Building Area

- Consistent with standard industry practice
  - ANSI/BOMA corporate owners and real estate
  - National Center for Education Statistics, Facilities Inventory and Classification Manual – postsecondary education
  - The Joint Commission, Joint Commission on the Accreditation of Health Care Organizations
- Provides common terminology
  - Amount of floor area
  - Common space types
- Facilitates comparison with industry benchmarks
- Supports Decision Making
- In combination with other data, provides visibility on:
  - Cost, Occupancy, Utilization, and Value to Mission

#### 5/22/2013

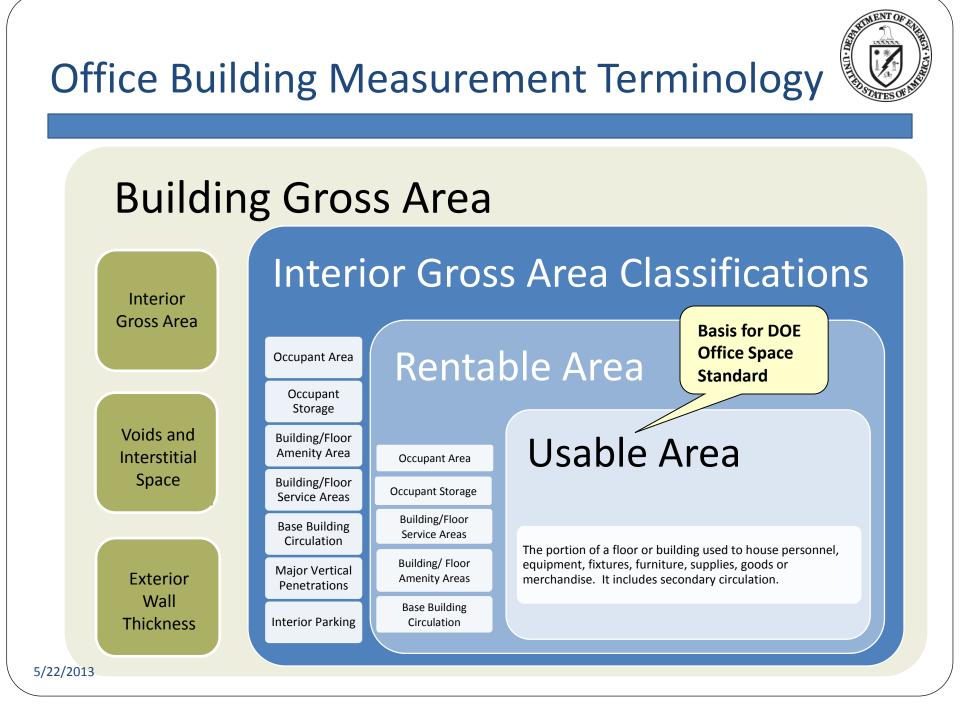
## Unified Approach to Measuring Office Space

Ref: ANSI/BOMA Z65.1-2010, Office Buildings: Standard Methods of Measurement

- Facilitates clear communication among real property professionals
- Fosters consistent, unambiguous measurement of <u>rentable areas</u>
- Applies to both existing and new office buildings







### Measuring Building Gross Square Feet

Ref: ANSI/BOMA Z65.3-2009, Gross Areas of a Buildings: Standard Methods of Measurement

- Permits clear communication among real property professionals, including construction and design professional
- Provides an unequivocal, direct measures of the physical size of a building
- Applies to buildings containing all types of occupancies
- Applies to both existing and new buildings containing single or 5/22/2013 multiple stories



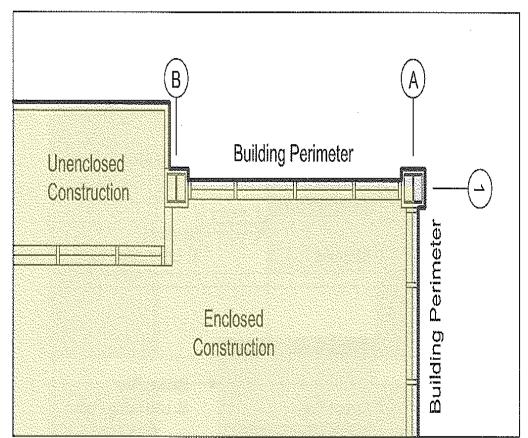






# Methods to Define Gross Building Area

- Construction Gross Area (CGA):
  - Includes exterior gross area
  - Appropriate measure to base estimated construction cost or determine Replacement Plant Values
  - Units costs appropriate to various types of space should be applies

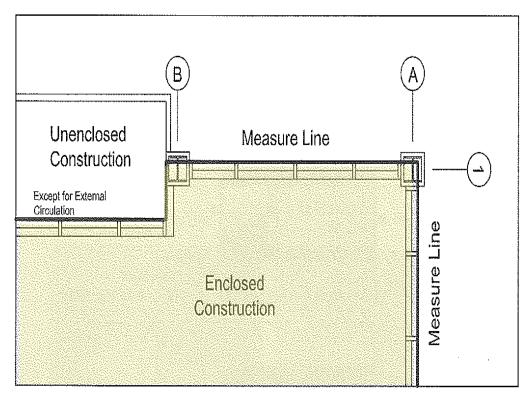


Source: ANSI/BOMA Z65.3-2009, Gross Areas of a Buildings: Standard Methods of Measurement



# Methods to Define Gross Building Area

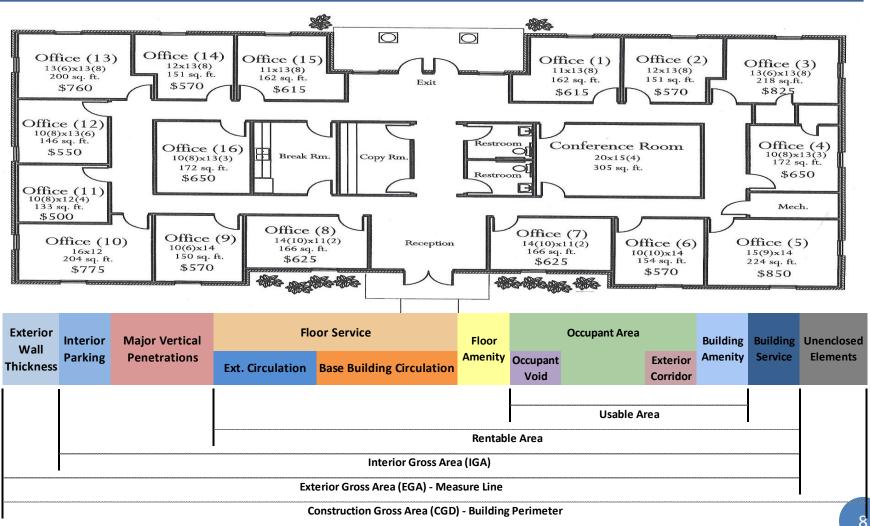
- Exterior Gross Area (EGA):
  - Total floor area contained within the measure line
  - Includes structure parking (except the top level of a parking structure
  - Excludes unenclosed areas except for external circulation
  - Appropriate for use in planning and design of buildings



Source: ANSI/BOMA Z65.3-2009, Gross Areas of a Buildings: Standard Methods of Measurement

## **Relationship Between Floor Areas and Measurement Standards**





5/22/2013





- Building Owners and Managers Association (BOMA) International
  - <u>http://www2.boma.org/MeasurementStandards/Pages/default.aspx</u>
- Postsecondary Education Facilities Inventory and Classification Manual
  - http://nces.ed.gov/pubs2006/2006160.pdf
- IFMA Space and Project Management Benchmarks Research Report #34
  - <u>http://www.ifma.org/publications/books-reports/space-and-project-management-benchmarks-research-report-34</u>





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