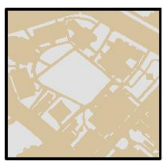
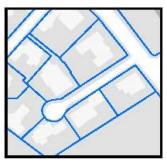
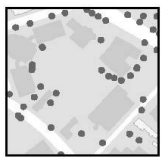
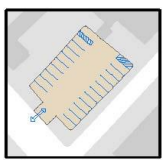
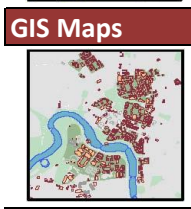
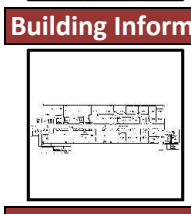
GIS Data Layers

	Product Name	Product Description	Format
	**ACCESSIBILITY** *(Entrances and Pathways)*	This layer includes accessible pathways and building entrances that are accessible and accessible with assistance.	DWG, SHP, FileGDB
	**AERIAL IMAGERY**	• 2012 (georeferenced ortho, with 3" resolution, Cambridge/Allston) • 2010 (georeferenced true orthophotos with 3" resolution, Cambridge/Allston and LMA) • 2008 (georeferenced ortho, Cambridge/Allston and LMA, LMA is not georeferenced) Oblique's of Allston and some of Cambridge • 2006 (georeferenced ortho, Cambridge/Allston, LMA and Arboretum) Oblique's of Allston and some of Cambridge • 2004 & 2002 (georeferenced ortho, Cambridge/Allston and LMA)	SID, TIFF, JPEG
	**BUILDINGS**	Harvard University building polygons are mostly roof lines drawn from aerial photogrammetry. Some new or renovated buildings, drawn according to available survey information and floor plans, may reflect ground footprints. Also included are non-Harvard buildings and other small structures on Harvard's campus while differentiating Harvard University owned buildings.	DWG, SHP, FileGDB
	**GREEN SPACE**	Areas of landscaped or natural ground cover (unpaved and unbuilt) on the Harvard campuses in Cambridge, Boston and Watertown. Includes features related to delineation of athletic fields, tracks, courts and walkways.	DWG, SHP, FileGDB
	**HYDROGRAPHY**	The MassDEP Hydrography layer, represents hydrographic (water-related) features. This layer is a hybrid of data based on USGS Digital Line Graphs (DLGs), scanned mylar separates obtained from the USGS and digitized hydrographic features from paper USGS 1:25,000.	DWG, SHP, FileGDB
	**IMPERVIOUS SURFACES**	Impervious surfaces include man-made structures such as buildings and paved surfaces covered by impenetrable materials like asphalt, concrete, brick and or stone ; this layer was developed using digital aerial photography from 2010.	DWG, SHP, FileGDB
	**LAND PARCELS** *Rights and Interests)*	Land Parcels include Cambridge, Boston and differentiates between Harvard and non Harvard land. Harvard University owned land which matches the parcel lines as received from the respective municipalities, although internal parcel lines may be removed. *Note: Property rights and interest also available for easements, deed restrictions and right of ways.*	DWG, SHP, FileGDB
	**MAP LABELS** *(building names, streets, landmarks, etc.)*	Labels for Map features: Harvard buildings, schools, and other areas, other landmarks and streets. Primarily used for printed or published maps where precise text positioning is required for best cartographic results.	DWG, FileGDB
	**OTHER PLANIMETRIC LAYERS** *(available upon special request)*	These layers were developed using digital aerial photography from 2010. Some examples include: driveways, recreation, walkways, bike paths and pedestrian network.	DWG, SHP, FileGDB
	**PARKING**	The HU Parking layer shows all Harvard-owned parking lots in Cambridge, Allston and LMA and differentiates parking owned and leased by Harvard.	DWG, SHP, FileGDB
	**STREET BLOCKS**	This layer includes public and private ways open to general traffic circulation. Gated streets, driveways, and parking lots are not included. Street boundary is the curb edge, where available.	DWG, SHP, FileGDB
	**TOPOGRAPHY** *(One Foot contours ,spot elevations, DTM)*	Elevation point (masspoint) data collected at 20ft grid. Spot elevations collected at street intersections, Contours are coded for index (every 5th contour) and index contours are labeled with the contour value. Contours intervals include: one foot and two foot contours. An annotation layer includes index contours and spot elevation.	DWG, SHP, FileGDB
	**TREES**	This layer includes all trees maintained by FMO which represents most but not all of the Cambridge/Allston campus. Other trees were derived from aerial photograph. Also, information including diameter, species and notes are available for some trees.	DWG, SHP, FileGDB
GIS Maps			
	**STANDARD CAMPUS MAP**	Cambridge/Allston, LMA, Arsenal, Arnold Arboretum and Southborough. Wall maps are available in different sizes, approximately (11"x17"), (3'x3') and (5'x5')	PDF, Adobe Illustrator, CAD, GIS
Building Information			
	**FLOOR PLANS**	Please contact Maureen Blaufuss @ 617-469-3496.	CAD, PDF
3D CAD Buildings Solid Models			
	**3D CAMPUS BUILDINGS**	Available for all Harvard buildings and many non-Harvard buildings adjacent to campus in Cambridge, Allsotn and the LMA.	CAD

For more information please refer to: *www.map.harvard.edu*
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