2.5 Metadata Standards

All GIS data developed for SFO should include metadata using the Federal Geographic Data Committee's (FGDC) geospatial metadata standards, specifically the FGDC Content Standard for Digital Geospatial Metadata (CSDGM). Detailed information about this standard can be found at https://www.fgdc.gov/metadata/csdgm-standard. This metadata can be easily created through Esri's ArcGIS Desktop software suite by selecting the FGDC CSDGM Metadata style when populating a layer's metadata.

In addition to the FGDC CSDGM metadata, stored as a separate file, attribute-based metadata, stored at the feature level, should be included. The following table details the fields that should be included for each data layer submitted to SFO.

Table 2 - SFO Metadata Element Specifications

METADATA FIELD	DESCRIPTION	METADATA DOMAIN VALUES
Title (Heading)	A brief name of the dataset	"Building Footprints"
Format Type	The format in which the data is stored	"Shapefile", "AutoCAD drawing", "File geodatabase", etc.
Thumbnail	A graphic representation of the entire dataset, as a small image	
Tags	A list of keywords applicable for this dataset	"Buildings"
Summary	A brief description of the data	"Building footprints of the San Francisco International Airport"
Description	A more detailed description of the data	"Building footprints for all buildings located on the grounds of the San Francisco International Airport. Original building footprints were obtained from 3-inch 2016 aerial photography.
Credits	A general listing or description of the source of the imagery	"SFO GIS, Woolpert"
Use Limitations	General limitations for use	"Internal Use (SFO) Only Access Granted through Signed Agreement"
Extent (N, S, E, W)	Extent of largest data set	
Scale Range	The range of scales at which this data should be used	"1:360 – 1:12,000"
Time Period of Content	Date the was created or for which the data is relevant/accurage	"07/01/2016"
Status	Status of data	"Complete, In-Process, ..."
Maintenance Frequency	Data update schedule	"As_Needed, Annually, Continually, Daily,Irregular, Monthly, None planned, Unknown, Weekly"