Feature Name	Feature Code	Type	Source Databases	Description	Reference Data Source(s)
BUILDING_FOOTPRINT	BUILDING	Polygon	Update existing database with BIN	Collect all buildings with well-defined walls and roofs that are >400 sq. feet and taller than 12 feet. Buildings with <12 feet height but with BIN should be captured. Buildings with BIN but <400 sq. feet will be captured. Buildings with flat roofs will be captured on roof outline, capturing the largest outline (excluding overhangs, awnings, construction features, etc.). Buildings with pitched roofs will be captured on the building footprint. Carports, when attached to main building, will be included in the outline. Do not collect interior divisions (use existing building layer and BIN	Latest building footprint features. 2022 aerial imagery.

				as guide). Do not collect temporary trailers, tents, or roofs at gas stations (over pumps).Use parcel data and BIN as guidance for collection. Where the parcel data indicates that a building should be two or more geometries AND there is NO physical indication, split the building using the parcel lines. Where the parcel data indicates that a building should be two or more geometries AND there is a physical indication, split the building using the physical indications. If an existing building is going to split into several new buildings, keep the original BIN in only one of the new buildings (ideally the largest) and assign a million BIN to the rest. Do not duplicate BINS.	

				Building footprints that are adjacent, have different BINS and are on one tax lot should be flagged and verified during update. If a building is demolished (i.e., if the building has a different shape), the BIN is also deleted and is not to be used for any new building geometry. Do NOT collect roofs (overhang) to gas stations, unless connected to building. Do NOT collect movable jet bridge for access to aircraft. Do NOT collect awnings, scaffolds, or sidewalk sheds. Small triangles denote a permit is out to construct a new building at the location and are added by DoITT building editors. These triangles should be removed when new	

				building, transfer attributes from triangle to building, and delete triangle. If no new building is visible on the orthos, please leave triangles alone (and they will be exceptions in the QC model).	

	GARAGE	Polygon	Update from imagery, existing database with BIN, DOF TaxMap	Collect all garages, regardless of size, that can be identified as such, and driveways (paved or unpaved) that store one or more cars. Special care should be applied to ensure sheds are not to be confused with garages. Oftentimes, driveways do lead to sheds, so not all structures at a terminating driveway are considered to be garages. Sheds are not to be captured. In general, standard dimensions for detached garages are approximately 12'x20' or 14'x20' Use Parcel layer to place garages within parcel or at parcel boundary – check for special cases where parcel boundary clearly crosses garage. In these cases, either	

				split the garage using physical features, or use the property line where there is no distinguishing physical feature. Do NOT collect small tool or storage sheds in backyards which have no visible car access.	

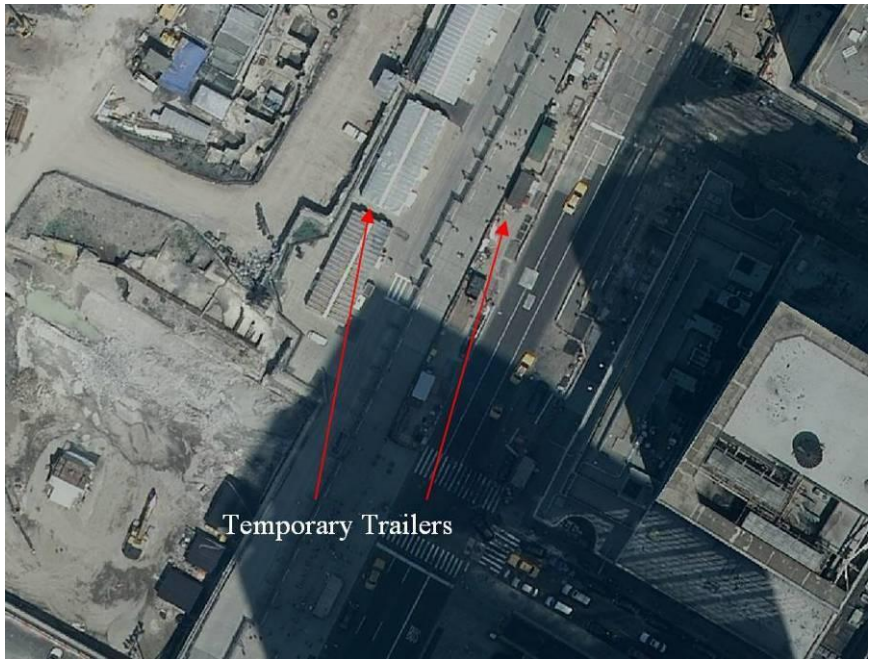
	BUILDING U/C	Polygon	Update from imagery, existing database with BIN	(Building under Construction) Where buildings are under construction AND their outside walls are clearly indicating the shape of the building. Do NOT collect when only the foundation is visible or building is being destroyed.	
	SKYBRIDGE	Polygon	Update from imagery	Elevated walkways that connect buildings will be captured as separate building polygons and coded as "Skybridge". These will be assigned a "dummy" million BIN during capture (Borough code, 1-5, plus 6 zeros). Skybridges will be populated with the "HEIGHT_ROOF" attribute only (not Ground Elevation)	
New domain value	GAS_STATION_CANOPY	Polygon	Update from imagery	For cases where there is a booth that also has a BIN below the canopy footprint, we will create overlapping footprints. The booth will have a	

				FEATURE_CODE of "Building".	
New domain value	STORAGE_TANK	Polygon	Update from imagery	For storage tanks (gas, liquids, grain, etc.) that are assigned a BIN.	
New domain value	PARKING	Polygon	Update from imagery	Used for addressable parking lots that have been assigned a BIN.	
New domain value	AUXILIARY_STRUCTURE	Polygon	Update from imagery	This is for a non-garage, non-addressable, permanent structures.	
New domain value	TEMPORARY_STRUCTURE	Polygon	Update from imagery	This would be for structures that are more temporary, but still are assigned BINs and have addresses. An example would be trailers stationed temporarily for construction projects.	
New domain value	CANTILEVERED_BUILDING	Polygon	Update from imagery	This is for buildings where some portion of the footprint overhangs another building footprint, but is not a Skybridge, which is typically narrow and serves solely as an aerial bridge between two	

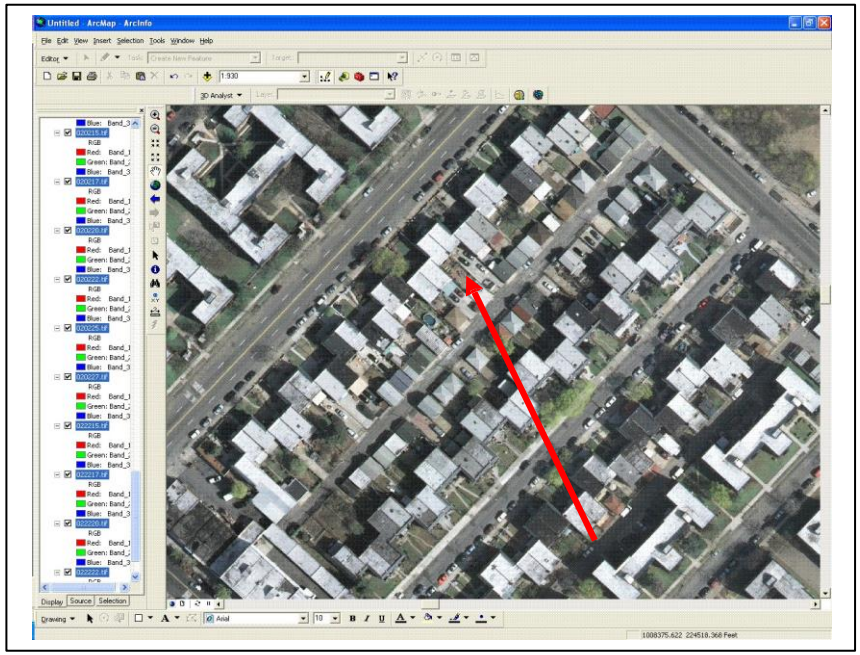
				structures.	
	HEIGHT_ROOF	Attribute	Calculated	Building roof height is calculated as the difference between ground elevation of the building and the roof elevation value. The roof elevation is the highest point of the roof itself (see BUILDING ELEVATION in the ELEVATION Feature Class). See diagrams below.	
	GROUND_ELEVATION	Attribute	Calculated	Lowest Elevation at the building ground level. Calculated from LiDAR or photogrammetrically.	

	STATUS	Attribute	Calculated	Field indicating the feature status as it fits into one of the following categories: a) NEW. A feature captured for the first time during the 2014 planimetrics update project. b) UPDATED. The feature existed previously but has been updated during the 2014 planimetrics update project. c) UNCHANGED. The feature is unchanged from the source planimetrics database.	

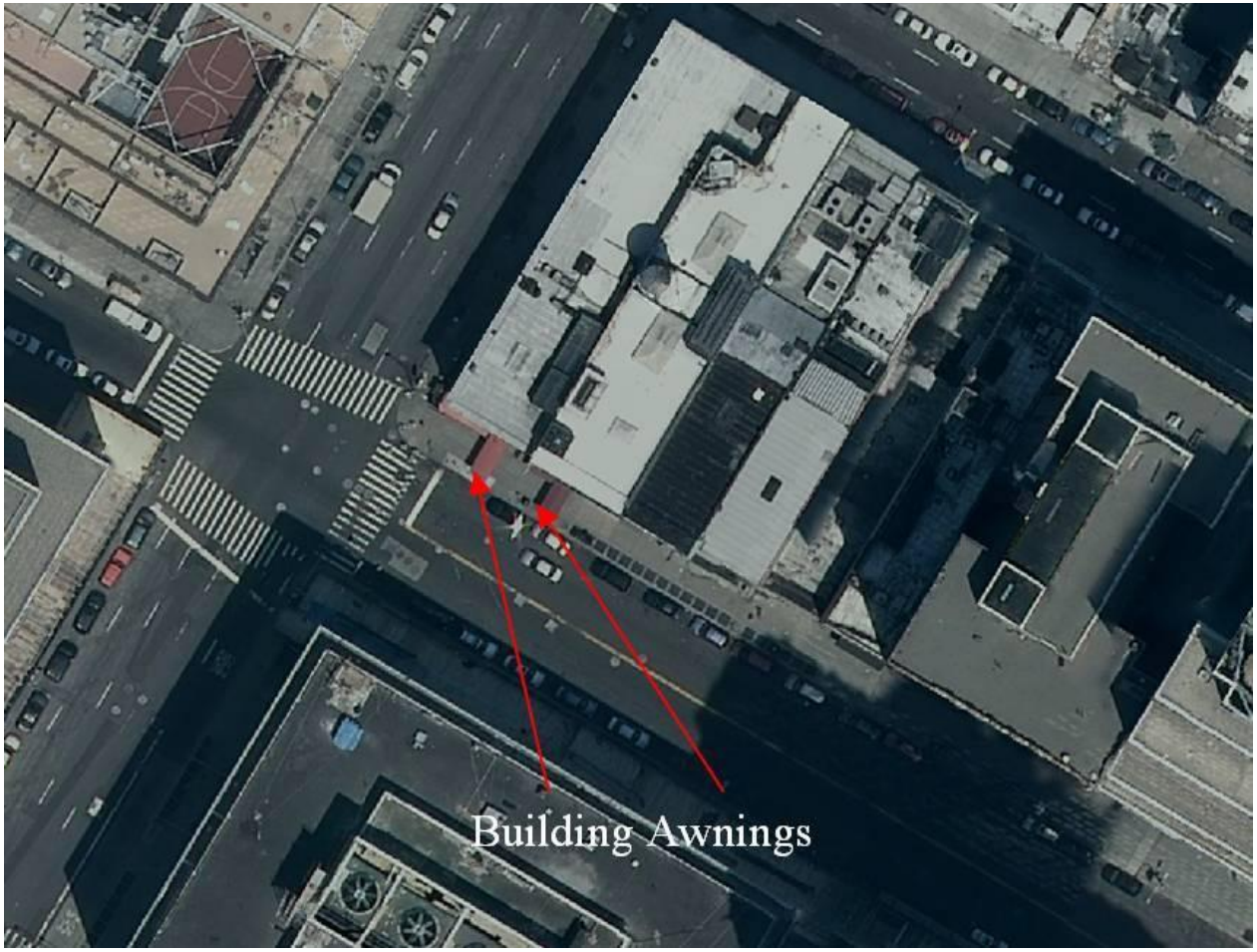
For dependency, see Spot Elevation for Building Elevation Attribute and/or Building Height.



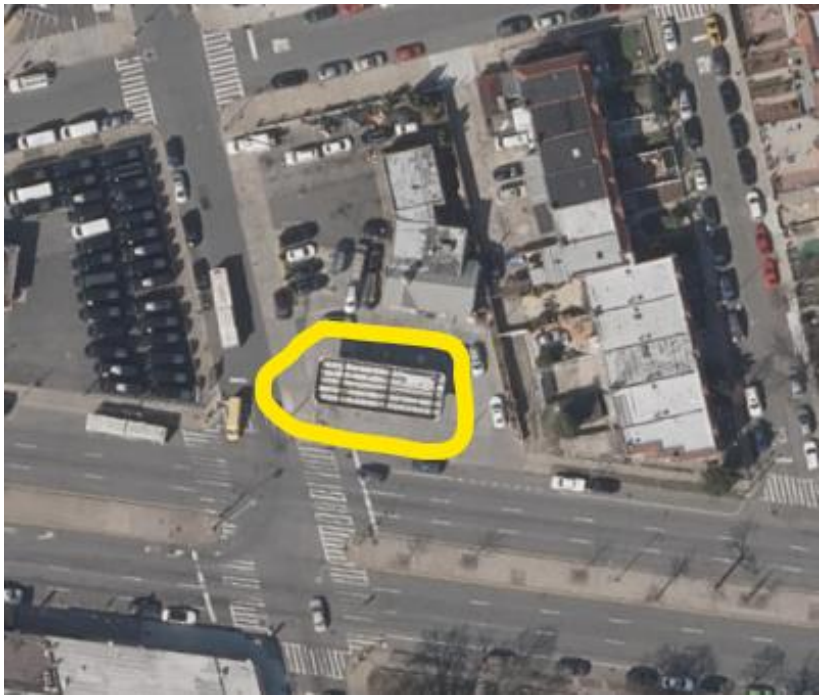
Collect temporary trailers on construction sites as FEATURE_CODE = TEMPORARY STRUCTURE.

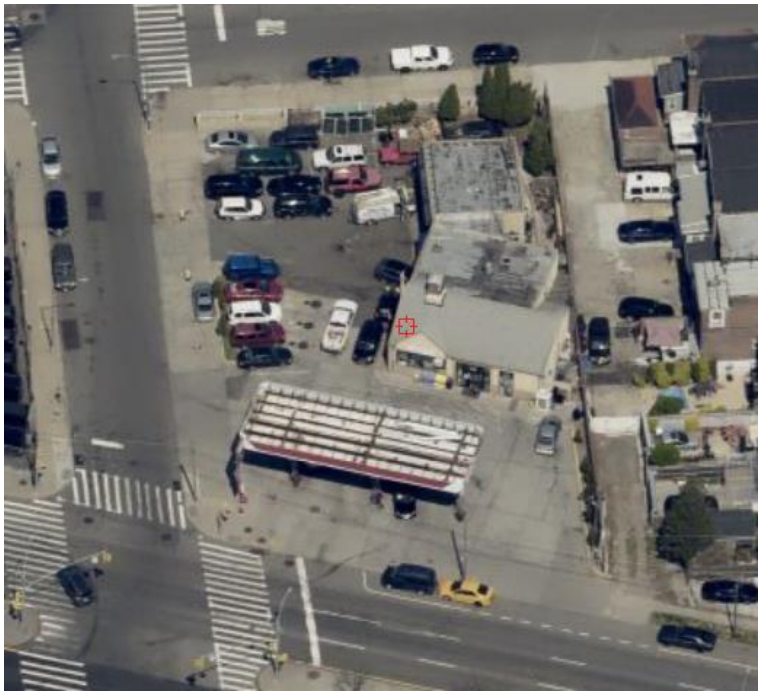


Garage – collect with DOF TaxMap database displayed.



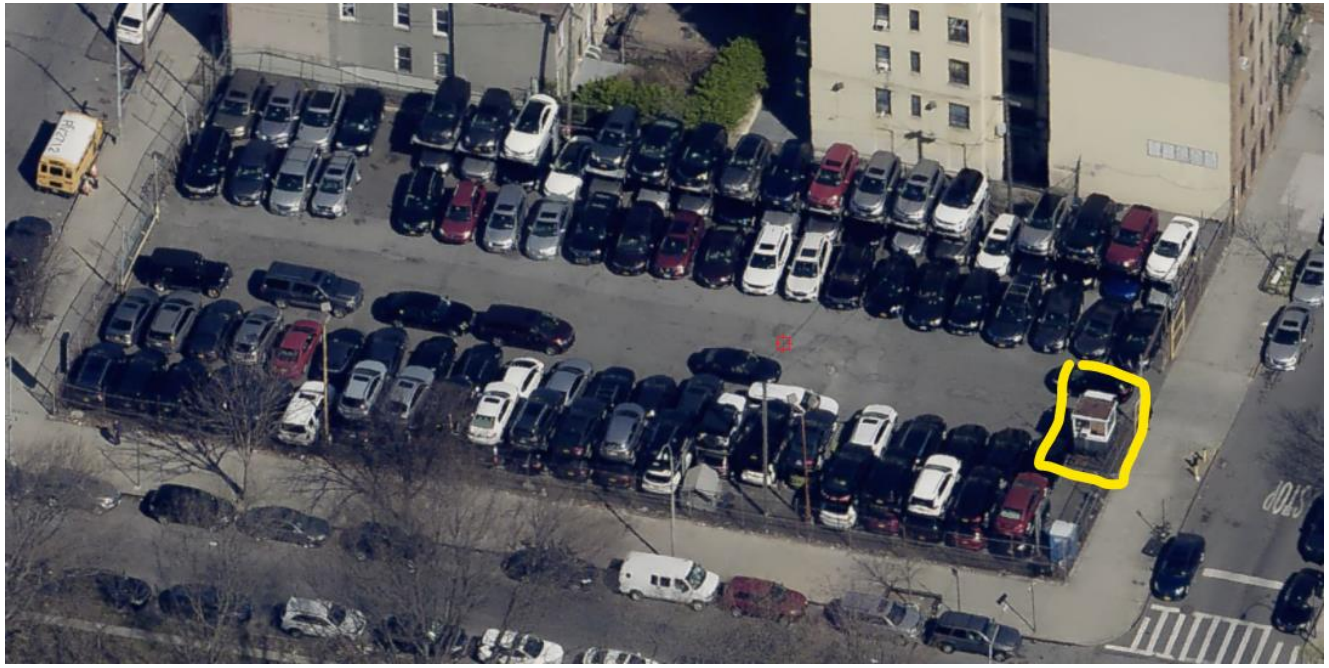
Exception: Do NOT collect awnings or scaffolding as part of the building.



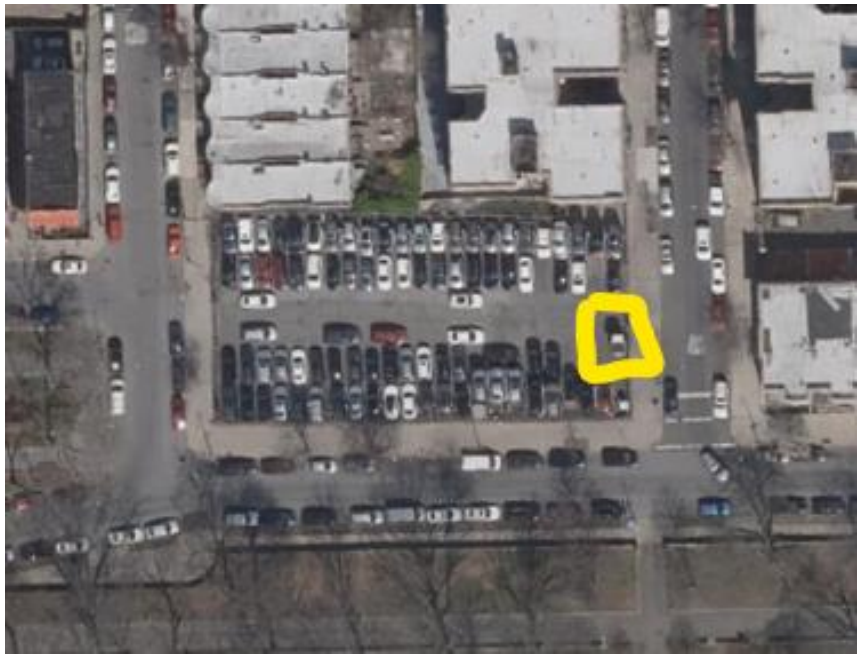


Example of a GAS STATION CANOPY.

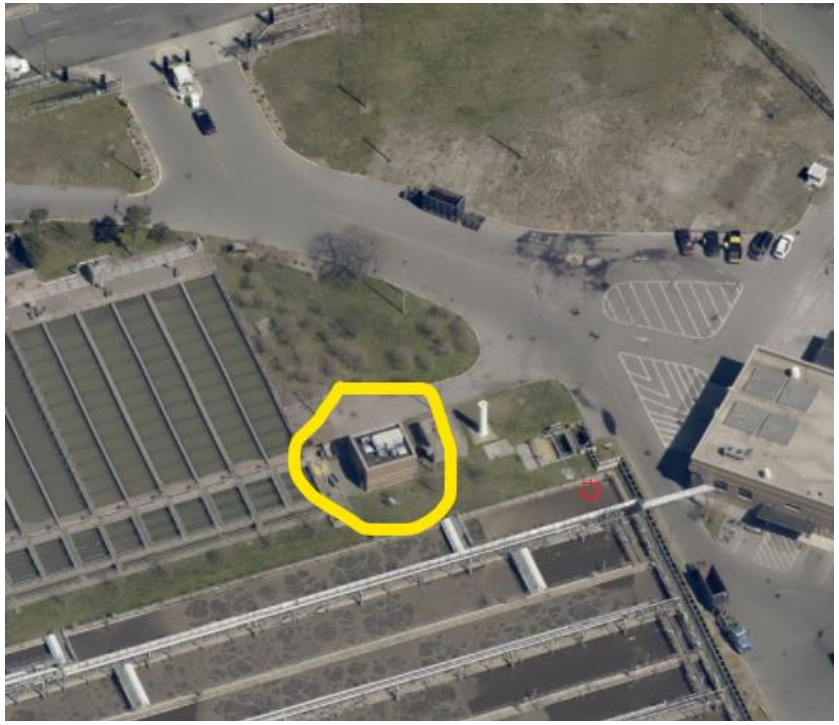
Example of a BUILDING UNDER CONSTRUCTION.

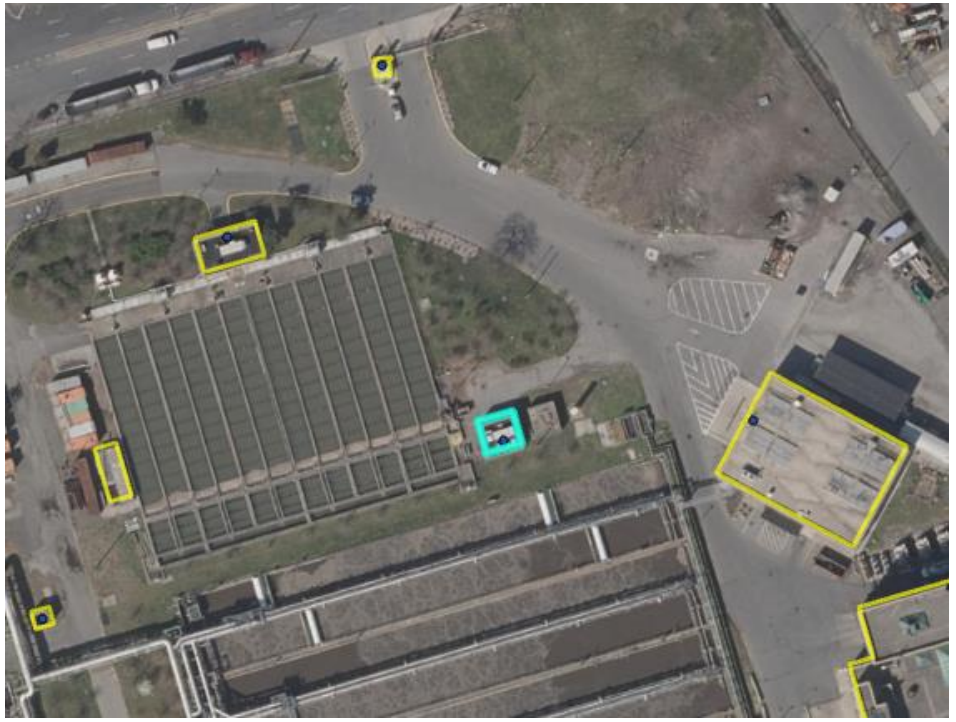


Example of PARKING. Used for small structure located on parking lot.



Example of a SKYBRIDGE.





Example of an AUXILIARY STRUCTURE.

Examples of TEMPORARY STRUCTURE.

Example of CANTILEVERED BUILDING. 251 W 91 ST in Manhattan.

Example of CANTILEVERED BUILDING, 11 Hancock PL, Manhattan.

Calculating HEIGHT_ROOF.

Calculating HEIGHT_ROOF.