Map Viewer 5.0
Directions
December 18, 2013

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Map Layout

Search for Features

Search for features on the map including:
>   Parcels & Blocks
>   Streets & Intersection
>   Addresses

Click on search link on the toolbar
Fill out the *Find A Location* form and click on *search* button

- Clear form by clicking on *reset* button
- Close the form by clicking on *close* button or *X* button at top right of window
- Minimize the form by clicking on _ button at top right corner of window
- Restore the form by clicking on □button at top right corner

The selected feature results will be displayed in the left column
Click on the links in the left column to view more information about the seleted features

selected locations:	
more info	
5860001	
0002 BOYLSTON ST	
5860002	
0300 SWEENY ST	
5860004	
0310 SWEENY ST	

Identify Features

Click on the map to identify and get information about these type of features:

1. A parcel, street segment or Intersection

    The selected feature will be highlighted in red
    Select multiple features by holding down the shift key
    The selected feature results will be displayed in the left column
    Click on the links in the left column to view more information about the seleted features

selected locations:	
more info	
13054000	
VALENCIA ST: DUBOCE AVE to CLINTON PARK (200 - 233)	
13055000	
VALENCIA ST: CLINTON PARK to BROSNAN ST (230 - 256)	
13056000	
VALENCIA ST: BROSNAN ST to 14TH ST (245 - 299)	

2. An added map layer (see page 5)

    An info window will popup for most layers which displays inormation about the selected feature
    Click on the link in the info window to view more information if available.
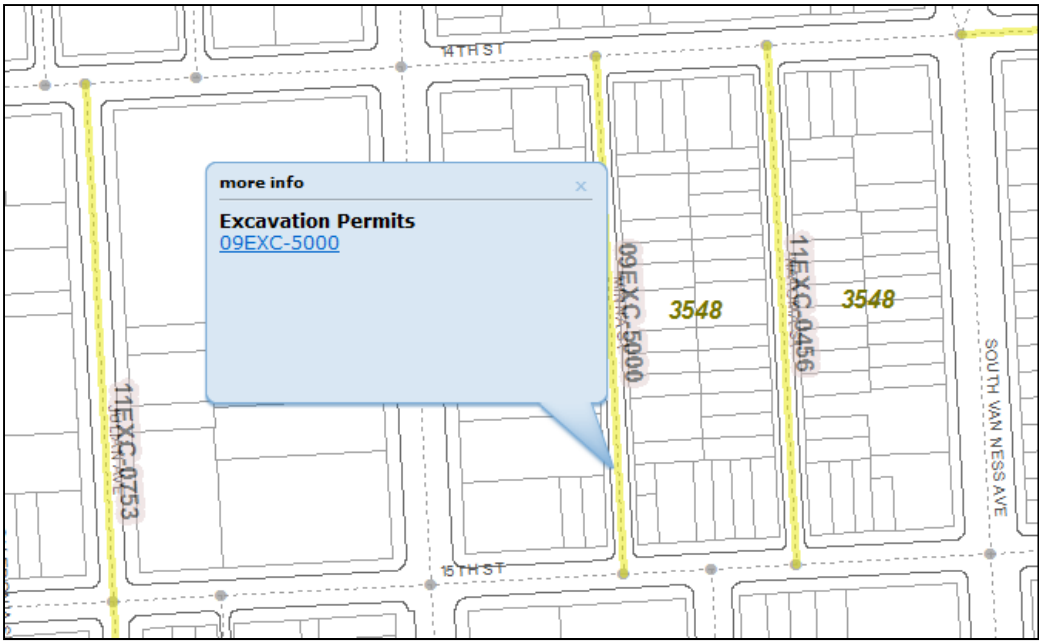
Zooming and Panning

There are several ways to zoom and pan on the map:

Pan
Click and drag the mouse across the map
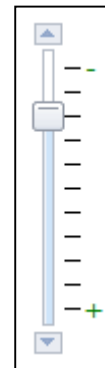Use the arrow keys

Zoom
Click or Drag the *slider* on the map to zoom in and out

SHIFT + Drag the mouse to zoom in
SHIFT + CTRL + Drag the mouse to zoom out

Use + key to zoom in a level
Use - key to zoom out a level

Mouse Scroll Forward to zoom in
Mouse Scroll Backward to zoom out

slider

Adding Map Layers / Pictometry

Add layer to the map by clicking on <u>map layers</u> link on the toolbar

The layers list will be displayed in the left column.

Expand a map layer group by clicking on the + icon next to the group name

Check the layer to add / uncheck the layer to remove *

```
MAP LAYERS
[+] Basic Map
[+] Boundaries
[+] Public Places
[+] Topography
[-] Permits
   [✓]  Street-Use Permits
   [ ]  Excavation Permits
   [ ]  Banner Permits
   [ ]  Street Space Permits
   [ ]  Sidewalk Repair scheduled
   [ ]  DCP Wireless Exceptions Streets
   [ ]  DCP Wireless Exceptions Lots
   [ ]  Banners Allowed
   [ ]  Barbary Coast Trail Markers
   [ ]  Moratorium Streets
   [ ]  Proposed Excavation
   [ ]  Proposed Paving
[+] Inspection
[+] SFMTA
[+] Jurisdiction
[+] Public Works
[+] Emergency Response
[+] Pictometry
```

*The Pictometry (aerial photography) Layer can be viewed when the map's scale is 1000 ft or less.

Central Data Lookup (CDL)

CDL can be opened from the map viewer by clicking on central data lookup link on the toolbar
Or from this URL: http://bsmnt/mapviewer/cdl.aspx

CDL allows for a text based search of BSM's various databases
1. Select or enter the location to search
2. Select the checkboxes next to the datasets to be searched for
3. Click on *Search* button

Central Data Lookup   Map Viewer

1. Location

street   -select a street-   ▼

limits   ▼

block
or
blocklot   [   ]

parcel by address

addr #   [   ]

street   -select a street-   ▼

2. Data   [select all / none]

general information   **subdivision & mapping**
☑ property owner   ☑ subdivision tracking
☑ mailing addresses   ☑ recorded maps
☑ street restrictions   ☑ lot history
☑ street acceptance   ☑ condo lottery
☑ street jurisdiction   ☑ bench marks
☑ paving   ☑ monuments
                                     ☑ key maps
                                     ☑ assessor's block maps
                                     ☑ assessor's block diagrams

permits   **inspection**
☑ five year plan   ☑ inspection
☑ street-use   ☑ ntr
☑ street space   ☑ x1104

3. Search   [search]   [reset]

Polygon Select Features

Use the mouse to draw a polygon on the map and select and query the features it contains
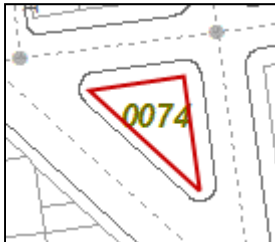
1. Click on polygon select link on the toolbar
2. Select the type of features to select in the left column (parcel, block, street segments and intersections (cnns))
3. Click on the map to draw the vertices of the polygon - at least 3 vertices must be added to the map. Double-click to complete polygon and query features.
4. Click on the links in the left column to view more information about the seleted features

selected locations: more info 0093002 2161 - 2165 JONES ST 0093003 2155 - 2157 JONES ST 0093004 2149 - 2151 JONES ST 0093005 2143 - 2145 JONES ST 0093005A 2137 - 2141 JONES ST 0093006 2127 - 2131 JONES ST 0093007 2119 - 2123 JONES ST 0093008 2113 - 2117 JONES ST	

Buffer Select Features

Use a selected feature to query other features within a selected distance of that feature

1. Select a feature to buffer by clicking on a parcel, street segment or intersectin on the map or use the search tool.

2. Click on buffer select link on the toolbar

3. Select the type of features to select in left column of browser (parcel, block, street segments and intersections (cnns)) and the distance to buffer

4. Click on the *buffer* button

5. The selected buffered features will appear on the map in purple.

6. Click on the links in the left column to view more information about the seleted features
   selected locations:
   more info   0064016A
                                               0002 - 0008 VENARD ALY

   0064012   0064017
   0642 - 0646 LOMBARD ST   2100 MASON ST

   0064014   0064018
   0555 CHESTNUT ST   2106 - 2110 MASON ST

   0064015
   0670 LOMBARD ST

Map Scale

|	
To set the scale click or drag the *slider* on the map to zoom in and out. Scale will be shown in feet in the left column (scale = number of feet per inch of screen)	 slider
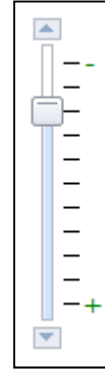
Measure Distance

Click on the measure link on the toolbar

Click on map once or more to draw distance to measure.
Double-click the last point to get the total distance.

Distance will appear in feet (by default) in left column
Distance can be converted to miles, meters and kilometers by clicking on respective radio buttons
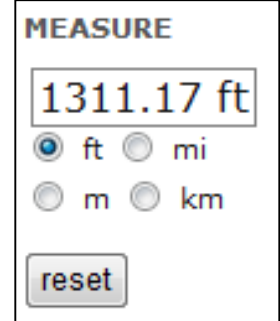
Click on *reset* button to reset the map and left colum to measure again
Click on clear selection link on the toolbar to exit measure function

Print

Click on the print link on the toolbar
Title box and print button will appear in left column. Enter a map Title if desired and click '*Print*' button. A new window will popup with an image of the map. This image can be either printed (landscape preferred) or copy / pasted into another document such as Eord or an email message.

```
PRINT MAP

enter a map title

┌──────────────────────────────┐ ▲
│                              │
│                              │
│                              │
│                              │
│                              │ ▼
└──────────────────────────────┘

not required

[ Print ]
```

Map Features Results

Click on map feature results link to show the selected locations data in the left column

Clear Selection

Clickon clear selection link on the tool bar to clear the map of any graphics and clear the left column of any selected locations data

Refresh map

Click on refresh map link to refresh the browser and bring map to its initial state. This will zoom the map to the initial extent as well as clear the map of any graphics and clear the left column of any selected locations data.

Google Street View

Access google street view by selecting at least one feature on the map
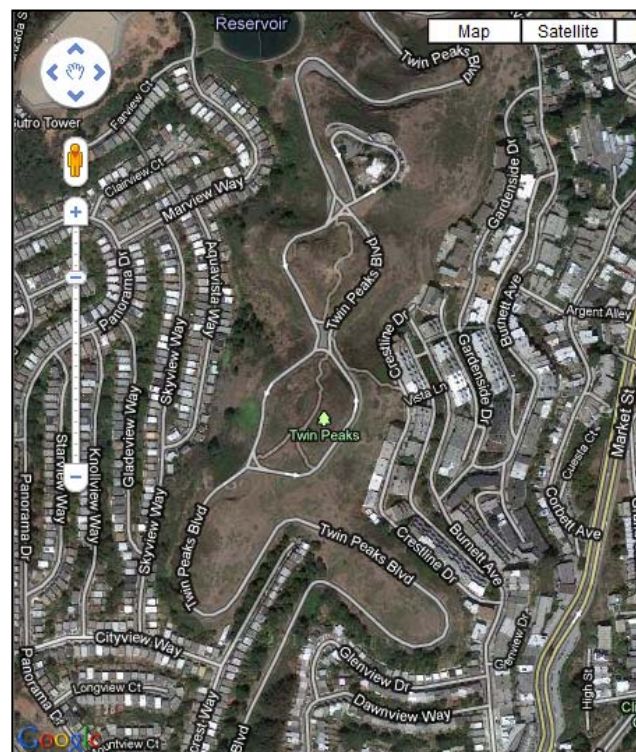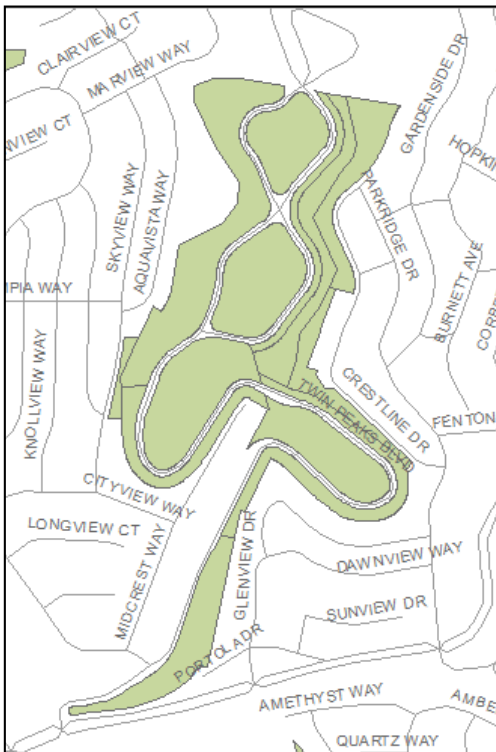
Click on street view link on the toolbar

A new widnow will open and show approximately the same location in google street view as the map viewer

Google Map/Satellite View

Click on the map/satellite view link in the toolbar.

The google map/satellite will open in a new window and display approxmately the same map extent as is seen in the map viewer

Using the URL (address) to query the map

Add parameter name/value pairs to the URL address of the map to query and display features

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*To query more than one feature separate vlaues with a comma

Type of feature to display / query	Sample URL
BlockLot	http://bsmnt/mapviewer/?BlockLot=0221001 http://bsmnt/mapviewer/?BlockLot=0221001,0221002 *
Block	http://bsmnt/mapviewer/?Block=0221 http://bsmnt/mapviewer/?Block=0221,0222 *
Street Segment or Intersection	http:// bsmnt /mapviewer/?CNN=8813000 http:// bsmnt /mapviewer/?CNN=8813000,8814000,8815000,25079000,25078000 *
Address (geocode)	http:// bsmnt /mapviewer/?Address=1522 Clay St http:// bsmnt /mapviewer/?Address=1522 Clay St,1545 Clay St *
X Y Coordinates (CA State Plane III)	http://bsmnt/mapviewer/?xy=6011475.041,2114841.614
AddressID	http://bsmnt/mapviewer/?addressid=3462332
311ID	http://bsmnt/mapviewer/?311id=184540
Layers	http://bsmnt/mapviewer/?Layers=BicycleRoutes http://bsmnt/mapviewer/?Layers=BicycleRoutes,MuniRoutes * # Layer List <table><tr><td>*Layer Name*</td><td>*ParameterValue*</td></tr><tr><td>**Basic Map**</td><td></td></tr><tr><td>Intersections</td><td>*Always On*</td></tr><tr><td>Lots</td><td>*Always On*</td></tr><tr><td>Streets</td><td>*Always On*</td></tr><tr><td>Address Numbers</td><td>AddressNumbers</td></tr><tr><td>Arterial Streets</td><td>*Always On*</td></tr><tr><td>Curb Lines</td><td>*Always On*</td></tr><tr><td>Islands</td><td>*Always On*</td></tr><tr><td>Lot Numbers</td><td>LotNumbers</td></tr><tr><td>Open Space</td><td>*Always On*</td></tr><tr><td>Pending Lots (blue)</td><td>*Always On*</td></tr><tr><td>Blocks</td><td>*Always On*</td></tr></table>

	Shore Line	*Always On*	
	Water Bodies	*Always On*	
	Street Names	*Always On*	
	Terrain	*Always On*	

Boundaries

Board of Supervisor Districts 2002	BoardofSupervisorDistricts2002
Board of Supervisor Districts 2012	BoardofSupervisorDistricts2012
BSES Neighborhoods	BSES_Neighborhoods_Large
BSES Zones	BSES_Zones
Candlestick Point Development Area	CandlestickPoint
Conservation Districts	ConservationDistricts
DCP Neighborhoods	DCPNeighborhoods
Historic Districts	HistoricDistricts
Hunters Point Development Area	HuntersPoint
Key Map Grid	KeyMapGrid
Mission Bay Development Area	MissionBay
MONS Neighborhoods	MONSNeighborhoods
SFAR Neighborhoods	SFARNeighborhoods
SFFD Battalions	SFFDBattalions
SFPD Precincts	SFPDPrecincts
State Assembly Districts	StateAssemblyDistricts
State Senate Districts	StateSenateDistricts
US Congess Districts	USCongessDistricts
Voting Precincts	VotingPrecincts
Zip Codes	ZipCodes
Zoning	Zoning

Public Places

City Owned Property	CityOwnedProperty
Fire Stations	FireStations
Neighborhood Commercial Districts	NeighCommDistricts
Piers	Piers
Police Stations	PoliceStations
Post Offices	PostOffices
Private Schools	PrivateSchools
Public Schools	PublicSchools

Topography

Contours 5 ft	Contours5ft

Permits/Construction

Banner Permits	BannerPermits
Banners Allowed	BannersAllowed
Barbary Coast Trail Markers	BarbaryCoastTrail
DCP Wireless Exceptions Streets	DCPWirelessExceptionStreets
DCP Wireless Exceptions Lots	DCPWirelssExceptionLots
Display Merchandise	Display
DPW Construction List	DPWConstructionList
Excavation Permits	ExcavationPermits
Mobile Food Trucks	MobileFoodPermits
Moratorium Streets	MoratoriumStreets
Parklets	Parklet
PCI Paving Data	PavingInfo
Permits with Curb Ramps	PermitsWithCurbRamps
Proposed Excavation	ProposedExcavation
Proposed Paving	ProposedPaving
Sidewalk Repair scheduled	ScheduledSidwalkRepair
Street Space Permits	StreetSpacePermits
Street-Use Permits	StreetUsePermits
Surface Mounted Facilities	SurfaceMountedFacilities
Tables and Chairs	TableChair

Inspection

Admin Citations	AdminCitations
Corridors Inspections	CorridorsInspections
Focus Inspections	FocusInspections
News Rack Inspections	NewsRackInspections
NTRs	NTRs
Other/ Unknown Inspection Types	OtherInspections
RFA Inspections	RFAInspections
SIRP Inspections	SIRPInspections
X1104s	X1104s

SFMTA

Bicycle Routes	BicycleRoutes
Bike Corrals	BikeCorrals
DPT Blue Book	DPTBlueBook
DPT Street Closures	DPTStreetClosures

	Holiday Moratorium	HolidayMoratorium
	Metered Streets	MeteredStreets
	Moscone Center	MosconeCenter
	Muni Routes	MuniRoutes
	Overhead Wires	OverheadWires
	Parking Meters	ParkingMeters
	Red light photo enforcement	RedLightPhoto
	49ers Game Day Streets	SF49ersGameDay
	Giants Game Day Streets	SFGiantsGameDay
	Tracks	Tracks
	Transit Stops	TransitStops
	Truck Routes	TruckRoutes

SFPUC

Street Light Poles	StreetLightPoles

Jurisdiction

Caltrans Jurisdiction	Caltrans
Golden Gate National Recreation Area	GGNRA
Hunters Point Naval Shipyard	HPOINT
Presidio National Park	PRESIDIO
Private Streets	PrivateStreets
Department of Recreation and Parks	RecPark
Port of San Francisco	SFPort
Candlestick Point State Recreation Area	StatePark

Public Works

AWSS	AWSS
Cisterns	Citserns
DPW Maintained Trees	DPWMaintainedTrees
DPW Maintained Tree Streets	DPWMaintainedTreeStreets
Permitted Trees	PermittedTrees
Street Structures	StreetStructures
Survey Monuments	SurveyMonuments
Undergrounded Streets	UndergroundedStreets

Emergency Mgmt

Critical Facilities	CriticalFacilities

Emergency Routes	EmergencyRoutes
Emergency Shelters	EmergencyShelters
FEMA Priority Routes	FEMAPriorityRoutes
Landslide Hazard Areas	LandslideHazardAreas
Liquefaction Hazard Areas	LiquefactionHazardAreas
Projected Sea Level Rise by 2100	SFPUC_SLR
Tsunami Zones	TsunamiZones
Aerial Photo	
Lot Outline	LotOutline
Address Numbers	LotOutline_AddressNumber
Lot Numbers	LotOutline_LotNumber
OrthoPhotos 1993	OrthoPhoto1993
OrthoPhotos 2001	OrthoPhoto2001
Ortho Photo Grid 1993 & 2001	OrthoPhotoGrid
Pictometry 2010	Pictometry
Pictometry 2013	Pictometry2013
Pictometry 2014	Pictometry2014