User Manual

For

Public to Use

Development Plan Department (DP 2034)

Web GIS Application

Development and Planning Department

Municipal Corporation of Greater Mumbai
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1. Introduction

Development Plan Department (DP 2034) Web GIS Application Project are Include various modules for public user to access and generate DP online remarks report and map report by registering through the application.

Specific web GIS application developed for development and plan department to aid them in performing desired operations using the user friendly built-in functionality. These functionality help the public users to Register, Search, Create, calculate Fee, Download Reports E.T.C

There are few common functionality incorporated on main page for navigation, printing, getting help, searching desired feature using attribute queries, Measure distance or area, show overview map etc.

2. Pre-requisites for Accessing the D.P Department (DP-2034) web GIS application.

To access the Development Plan Department (DP 2034) web GIS application, following are the pre-requisites:

- A computer machine with good Hardware and software configuration with latest internet browsers viz. Internet Explorer (above version 8), Google Chrome and Mozilla Fire Fox
- For browsers other than Google Chrome, Adobe flash player need to be installed in the computer machine (This is readily available on web for free download and installation). System prompts to download and install the same in case of unavailability.
- User login credentials (User ID and Password)
- Online payment Information (to complete online payment for DP Remarks fee)
3. Public User Registration into the Application

The public user browses Development Plan Department (DP 2034) Web GIS application, the system displays following web page with options to Register and to get User ID & Password for Log in to the application.

A Public user needs to register to the application by following the steps below:

- User clicks on “User Registration” button available “login” menu icon.
- The system display “User Registration” form containing following fields
  - User Name – Text Box(Mandatory)
  - First Name - Text Box(Mandatory)
  - Middle Name - Text Box (Mandatory)
  - Last Name - Text Box(Mandatory)
  - Password - Text Box(Mandatory)
  - Confirm Password - Text Box(Mandatory)
  - Email Address - Text Box(Mandatory)
  - Mobile No. – Text Box(Mandatory)
  - Alternative Mobile No. – Text Box
  - Address - Text Box(Mandatory)
  - Pin Code- Text Box(Mandatory)

(Note: Without proper entry of mandatory fields, system does not allow the user to register in to the DP application.)
After filling the above field with valid input, User clicks on “Register” button.

The system should display “User Registered Successfully”

Without proper entry of User ID and Password credentials, system not allows the user to access the DP web GIS application.
4. Public User Login to the Application

After successfully public user registration, the public user can login to the application by following steps below

- User clicks on “Log in” button available “login” menu icon.

The system displays “User Login” Page.

- An authorized user needs to log-in to the application by typing individual “User Name” and “Password” and click on “Submit” button to enter into the DP Web GIS application.

(Note: Without proper entry of User ID and Password credentials, system not allows the user to access the application.)
5. Main Page of the D.P Department (DP 2034) web GIS application

After successful user authentication system display D.P Department (DP 2034) web GIS application main page as shown below with all the functionalities as allocated by the public user.

The contents on the main page includes following:

GIS map displaying Mumbai city with adjoining areas in top view

- Logged-in user name on the top right corner of the page
- A Logout button

- Search Menu (Summary about NOCs needed for plot’s development)
- Report Menu (MCGM issued DP Remarks online payment and download)
- DP Remarks Archive (In account menu, left side. Access Challan payment history)
- Some other additional tools like Table of Content, Full Extent, Zoom-in, Zoom-Out, Previous Extent, Next Extent, Identify, Measurement, and Deactivate.
6. Features of “Search” Menu

Through “Search” menu, system offer search for CTS or FP number by selecting attributes to view on the map.

- The Feature Search menu availability and its contents on the main page as shown below:

User click on Search menu icon available on the main page, The system display “Search” Page as shown:

- User click on Search menu icon available on the main page, The system display “Search” Page as shown:

 Through Feature “Search” menu, system offer Search property on MAP based on following options
  - Search by “CTS/CS” Number
  - Search by “FP” Number

6.1 Search based on “CTS/CS” Number

To search property based on CTS/CS number from MAP user need to follow below steps.

- The user needs to select or click on “CTS/CS” button. The system displays following fields
- “Select Ward” Dropdown button
- “Select Village/Division” Dropdown button
- ”Select CTS” Dropdown button
- “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system zooms to the selected ward on the map.

- User needs to Select Village/Division name from “Select Village/Division” dropdown list. The system zooms to and highlights the village on the Map.
- User needs to Select CTS number from “Select CTS” dropdown list. The system zooms to and highlights the CTS Property on the Map.

- User click on “Reset” button, the system reset the form.
6.2 Search based on “FP” Number

To search property based on FP number from MAP user need to follow below steps.

- The user needs to select or click on “FP” button. The system displays following fields
  - “Select Ward” Dropdown button
  - “Select TPS Scheme” Dropdown button
  - “Select FP” Dropdown button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system zooms to the selected ward on the map.
User needs to Select TPS Scheme from “Select TPS Scheme” dropdown list. The system ZOOMS and highlights the selected option on the Map.

User needs to Select FP number from “Select FP” dropdown list. The system ZOOMS and highlights the FP Property on the Map.

User click on “Reset” button, the system reset the form.
7. Features of “Report” Menu

Through “Report” menu, system offers Challan generation, Online Payment or payment through CFC and DP Remark/Map Report for CTS or FP number by selecting available attributes.

- The Feature Report menu availability and its contents on the main page as shown below:

- User click on “Report” menu icon available on the main page, The system display “Report” Page as shown:

- Through Feature “Report” menu, system offer Remark and MAP Report generation based on following options
  - Remark and MAP Report generation based on “CTS/CS” Number
  - Remark and MAP Report generation based on “FP” Number
7.1 Remark and MAP Report generation based on “CTS/CS” Number

To generate Remark and Map Report of property based on CTS/CS number user need to follow below steps:

- The user needs to select or click on “CTS/CS” button. The system displays following fields
  - “Select Ward” Dropdown button
  - “Select Village/Division” Dropdown button
  - “Select CTS” Dropdown button
  - “Generate Report” button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system zooms to the selected ward on the map.
User needs to Select Village/Division name from “Select Village/Division” dropdown list. The system zooms to and highlights the village on the Map.

User needs to Select CTS number from “Select CTS” dropdown list. The system zooms to and highlights the CTS Property on the Map.

User click on “Next” button. The system display Plot selection view. Here user may add adjacent plots of same village in case of remarks needed for multiple plots. Sometimes duplicate plots with same plot no are selected, then deselection of other plots than own plot is required.
User clicks on “Next” button. The system shows Enter consumer details view. You may update form entries in case of remarks is generated for person other than logged in account user. Clicking ‘Create challan’ shows Challan page containing details as:

- Generated challan details
- Payment through Online, “Pay Online” option

**CHALLAN**

1) Challan no.: "DP34201905111223426"
2) Challan generation date: 24/05/2019
3) Name of the applicant: Sanjay B Gole
4) Address of the applicant: Flat No. 5, Bandra, Mumbai 400001
5) Mobile no./Landline no.: 7828467899
6) List of C/S/CTS Nos.: 1381
7) Ward name: H/W
8) Village name: BANDRA-G
9) Cost of No. of CTS/CS selected by user: Rs. 2420.00
10) Total Fee (Including Service Tax): Rs. 2420.00

Pay Online
7.1.1 PAYMENT THROUGH Online, “Pay Online” option

User clicks on “Pay Online” option available on Challan page. The System redirect to “BillDesk” payment gateway window.

Choose appropriate payment option to complete online payment. Online payment status details are shown on page. User can get online payment receipt for reference purpose for any further communication about transaction. For successful payment, User may download DP Remarks.
User clicks on “Download Payment Details” icon. The system downloads the fee receipt as PDF.

On downloading DP remarks, the system downloads a Report in Zip file format and shows a user message as:

Click on “OK” button to complete the process. Contents of Zip file are PDF files with various DP Remark and Map Reports.
To,
Mr. Sufiya George Memon
Bays gold spot, 7th, 7th floor, Kajwadi, chivaka, Andheri (W) 400 069

Sub: Development Plan 2034 remarks in respect to Land Bearing C.T.S. No(s) 528 and 529 of CHAVALA Village situated in K.E. Ward, Mumbai.

Ref: Application no. K.E/2019/111220286 Payment Challan No. DP34201905111220286 Dated 07/05/2019 certifying payment of charges made under receipt no. 19200010001 Dated 07/05/2019

Gentlemen/Madam,

With reference to above, Development Plan 2034 remarks sanctioned by GVM in respect of subject land boundaries, shown in blue color boundary on the accompanied plan, are as follows.

<table>
<thead>
<tr>
<th>Description</th>
<th>Nomenclature</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTS No.</td>
<td>528 and 529</td>
<td></td>
</tr>
<tr>
<td>Village</td>
<td>CHAVALA</td>
<td></td>
</tr>
<tr>
<td>Development Plan 2034 referred to Ward</td>
<td>K.E</td>
<td></td>
</tr>
<tr>
<td>Zone [as shown on plan]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roads affecting the Land [as shown on plan]</td>
<td></td>
<td>- Separated from the Development Plan 2034 that the land under reference has no access from any Municipal Road. However, the status of existing road, if any, may be obtained from concerned Ward Office.</td>
</tr>
<tr>
<td>Reservation affecting the Land [as shown on plan]</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>Reservation abutting the Land [as shown on plan]</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>Existing amenities affecting the Land [as shown on plan]</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>Existing amenities abutting the Land [as shown on plan]</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>Whether a listed Heritage building site:</td>
<td>Yes / No</td>
<td></td>
</tr>
<tr>
<td>Whether situated in a Heritage Precinct:</td>
<td>Yes / No</td>
<td></td>
</tr>
<tr>
<td>Whether situated in the buffer zone/Vista of a listed Grade-I heritage site:</td>
<td>Yes / No</td>
<td></td>
</tr>
<tr>
<td>Whether a listed archaeological site (ASI):</td>
<td>Yes / No</td>
<td></td>
</tr>
<tr>
<td>Whether situated in the buffer zone/Vista of a listed archaeological site (ASI):</td>
<td>Yes / No</td>
<td></td>
</tr>
</tbody>
</table>

Note
The remarks are offered based on the records of City Survey Office. The boundaries shown in the records of City Survey Office shall supersede those shown in the DP Remarks Plan.

Demerits: The alignment of the proposed road/R.L. and boundaries of reservations and their area are subject to the actual demarcation on site by E.T.C.A.E. (Survey) as the case may be.

Remarks are offered only from the zoning point of view without reference to ownership and without carrying out actual site inspection and without verification of the status of the structures, if any, on the land under reference. Status of the existing road, if any, shall be confirmed from the concerned Ward Office.

This is electronically generated report. Hence personal signature is not required.
To search property based on FP number from MAP public user need to follow below steps.

- The user needs to select or click on “FP” button. The system displays following fields:
  - “Select Ward” Dropdown button
  - “Select TPS Scheme” Dropdown button
  - “Select FP” Dropdown button
  - “Generate Report” button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system zooms to the selected ward on the map.
User needs to Select TPS Scheme from “Select TPS Scheme” dropdown list. The system zooms to and highlights the selected option on the Map.
User needs to Select FP number from “Select FP” dropdown list. The system zooms to and highlights the FP Property on the Map.

User clicks on “Next” button.

The system display challan generation window.
User clicks on “Next” button. The system generate challan page contain payment option as:

- Payment through Online, “Pay Online” option
  (The payment processes are same as above “Pay Online” option available in Remark and MAP Report generation based on “CTS/CS” Number)

User click on “Reset” button, the system reset the form.
8. Additional Tools

Map handling tools helps user to interact with the map with the help of user friendly action provided on the main page of the application.

8.1 “Zoom In” And “Zoom Out” tools

i) Zoom In tool: This tool helps user to zoom in the location on the map to get more details just after clicking on “Zoom In” icon.

![Zoom In Icon]

ii) Zoom out tool: This tool helps user to zoom out on the map from maximum to lower level just after clicking on “Zoom Out” icon.

![Zoom Out Icon]

8.2 “Pan” tool

This tool helps user to pan the map freely in any direction as desired by user after clicking on “Pan” icon.

![Pan Icon]

8.3 “Extent” tool

i) Previous extent tool: This tool helps user to go to the previous extent on the map after clicking on “Previous Extent” icon.
ii) **Next extent tool**: This tool helps user to go to the next extent on the map after clicking “Next Extent” icon.

### 8.4 Zoom to “Full Extent” tool

This tool shown as globe in the widget will help user to go the extent of the map from any zoomed location after clicking “Zoom to Full Extent” icon.

### 8.5 “Identify” tool

This tool is use to identify location on the map window with user choice.

- User need to click on “identify “tools and then click on the require location on the map.

- The system with show available map features in a dropdown window as shown below:
Select the required available option, the system shows available data with respect to the selected option.

Click on “add to results”, the system highlights the total area, and the system will show the result in “Result “window.

If user needs to remove selection then right click on the result window click on “Remove” option.

If user needs to ZOOM selection then right click on the result window click on “Zoom” option.
8.6  “Measurement” Tool

This tool is used to measure distance between locations on the map window with user choice.

- Click on “Measure distance or area” menu icon, the system will display box containing following:
  1. Click on “Area” icon
  2. Click on “Distance” icon
  3. Click on “Location” icon

8.7  “DP Remarks Archive” And “Reset Password”

- By DP Remarks Archive option shows list of challan payments made by user and for successful payments, DP remark reports can downloaded for the challan.
- User can change password for login account using Reset Password.