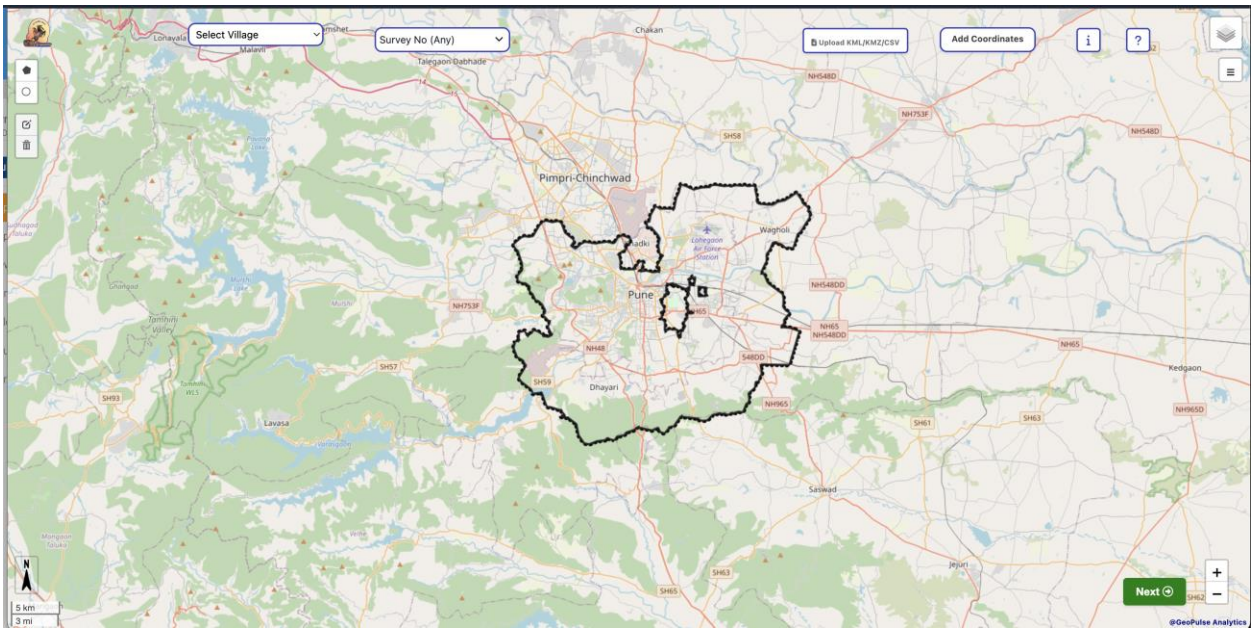
AUTODCR GIS

USER GUIDE

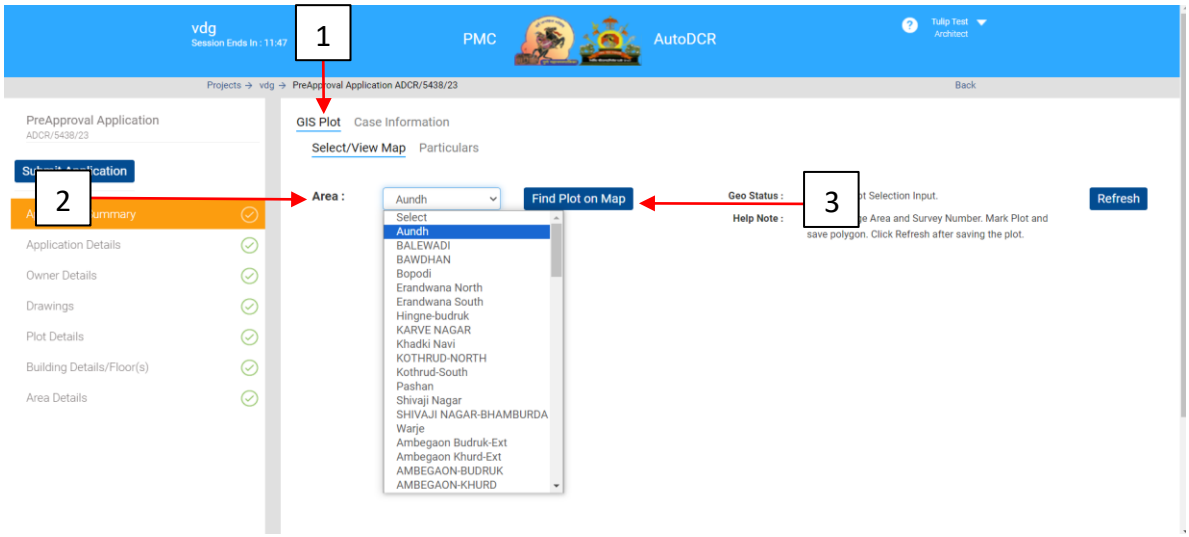


GETTING STARTED WITH GIS INTERFACE

1. **Accessing GIS Plot Tab:** Upon opening the Auto DCR interface, navigate to the "GIS Plot" tab located on the Auto DCR interface (i)

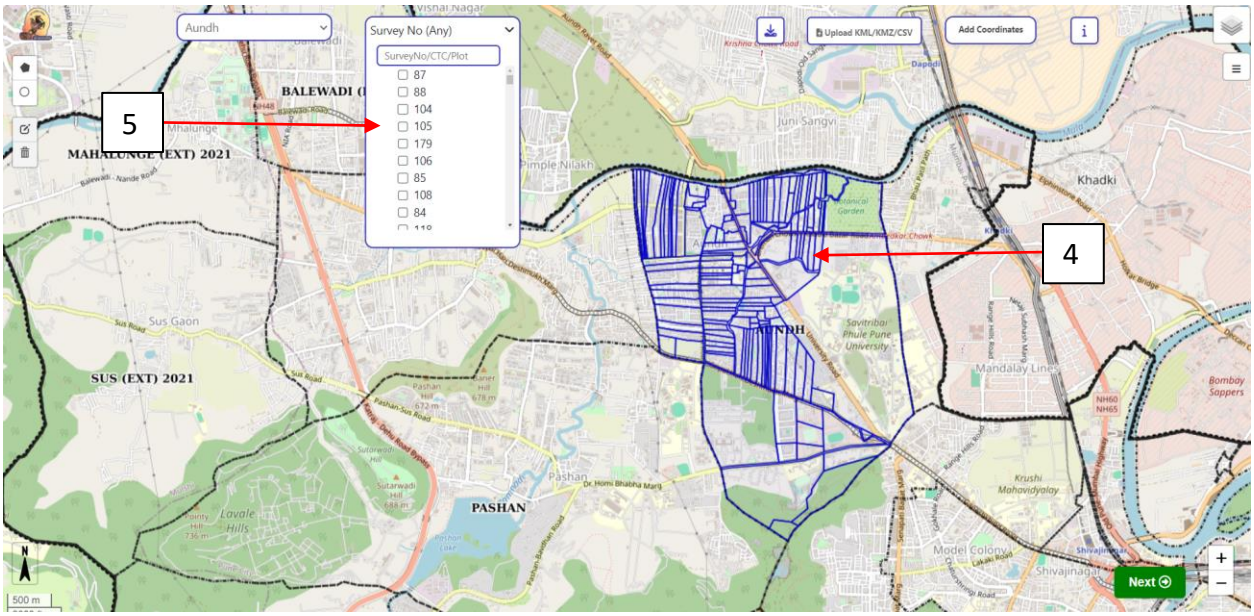
2. **Desired Area**: Navigate to ‘Area’ dropdown menu, clicking on this dropdown menu it expands, revealing a list of villages present in the Auto DCR system. (i)

3. **Find Plot on Map**: Click on the "Find Plot on Map" button to initiate the search process. (i)



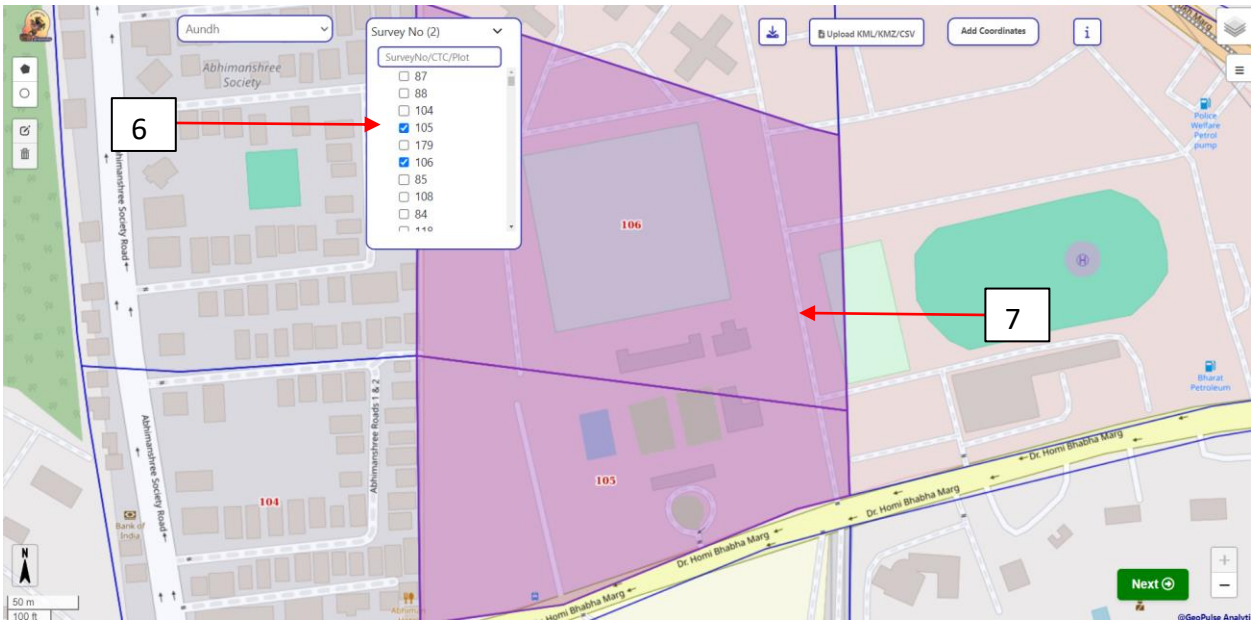
4. **Locate Plot Area**: Upon clicking the "Find My Plot" button, a new window will open, displaying the selected area or village with a clear highlight, making it easy to identify. (ii)

5. **Select Plot Number**: Within the new window, navigate to the survey number dropdown menu containing a list of available survey numbers within the highlighted area. (ii)



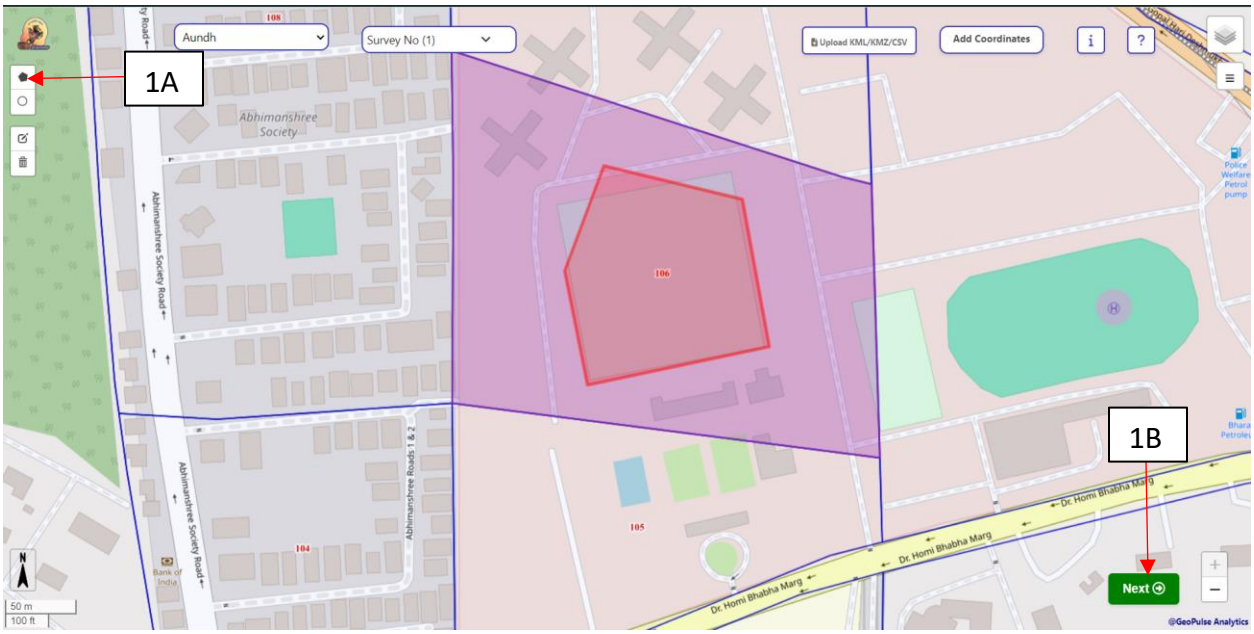
6. **Choose Plot Number:** From the Survey number dropdown menu, select the desired survey number. You have the option to choose multiple survey no. at the same time. (iii)

7. **View Plot Location:** After selecting the plot numbers, the map will automatically zoom in and pinpoint the exact location of the chosen plots, providing you with precise spatial information. (iii)



GIS TOOLBAR

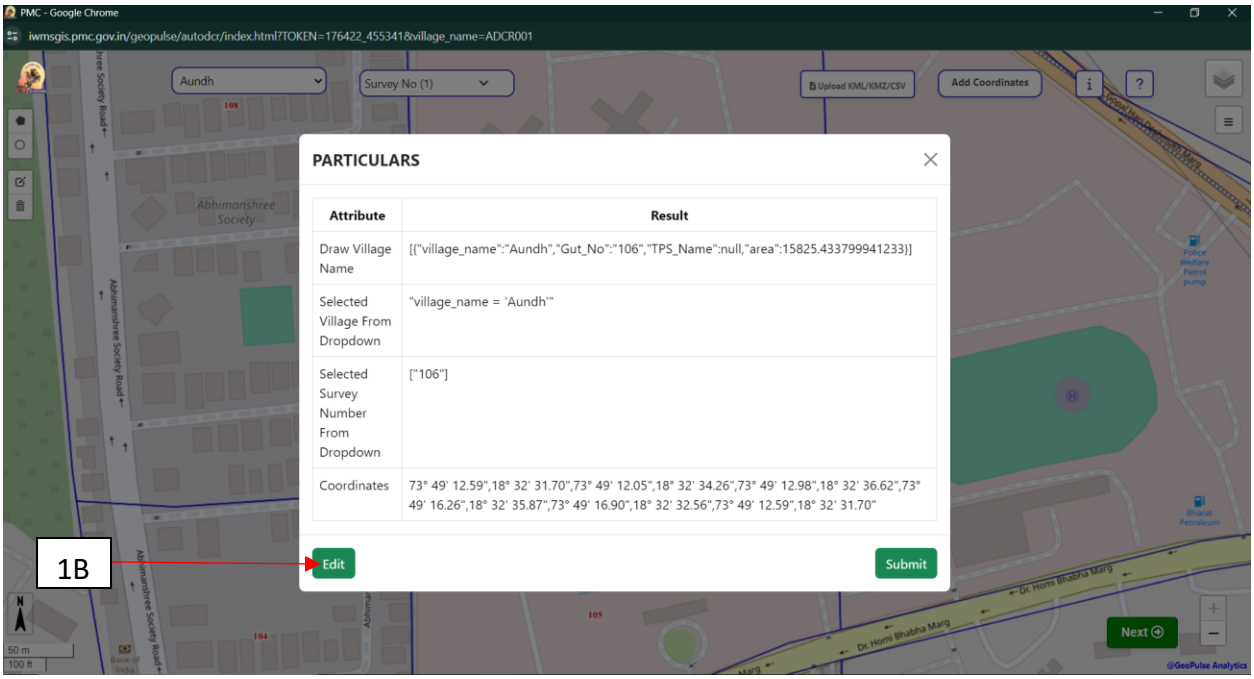
On the left side of GIS interface, tools for interacting with the map, drawing tools such as



1. **Draw polygon**

1A. Locate the polygon drawing tool in the toolbar, usually represented by an icon . Click on the map to start drawing the first point of your polygon. Each subsequent click will add a new vertex to the polygon, allowing you to define its shape. Continue clicking to add vertices until you've outlined the desired shape of your polygon. To close the polygon and complete the feature, double-click on the last point.

1B. Click on the next button to view data. If there are any changes you need to make in your drawing, click on the go 'edit' to make the changes.


PMC - Google Chrome
iwmsgis.pmc.gov.in/geopulse/autodcr/index.html?TOKEN=176422_455341&village_name=ADCR001
Aundh
Survey No (1)
Upload KML/KMZ/CSV
Add Coordinates
PARTICULARS
Attribute
Result
Draw Village Name
[{"village_name":"Aundh","Gut_No":"106","TPS_Name":null,"area":15825.433799941233}]
Selected Village From Dropdown
"village_name = 'Aundh'"
Selected Survey Number From Dropdown
["106"]
Coordinates
73° 49' 12.59",18° 32' 31.70",73° 49' 12.05",18° 32' 34.26",73° 49' 12.98",18° 32' 36.62",73° 49' 16.26",18° 32' 35.87",73° 49' 16.90",18° 32' 32.56",73° 49' 12.59",18° 32' 31.70"
Edit
Submit
1B
Next
Abhimanshree Society
Abhimanshree Society Road
Dr. Homi Bhabha Marg
@GeoPulse Analytics

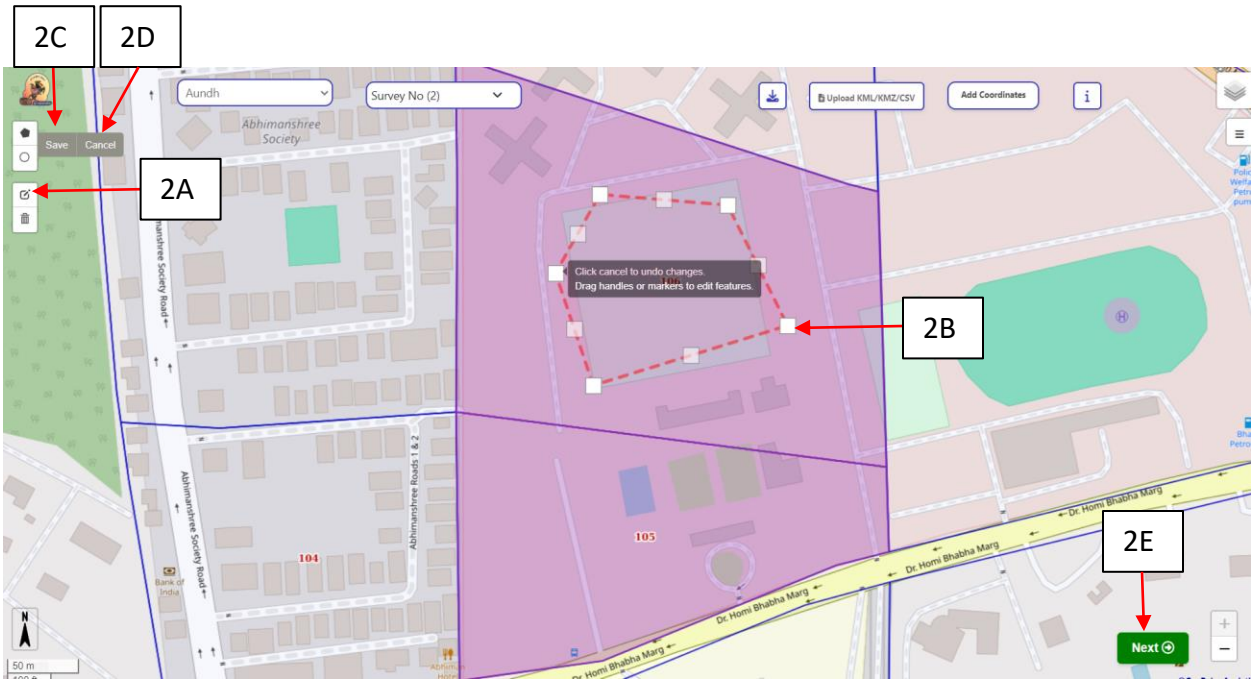
2. Edit layer

2A. To modify the drawn polygon, simply locate the edit layer icon .

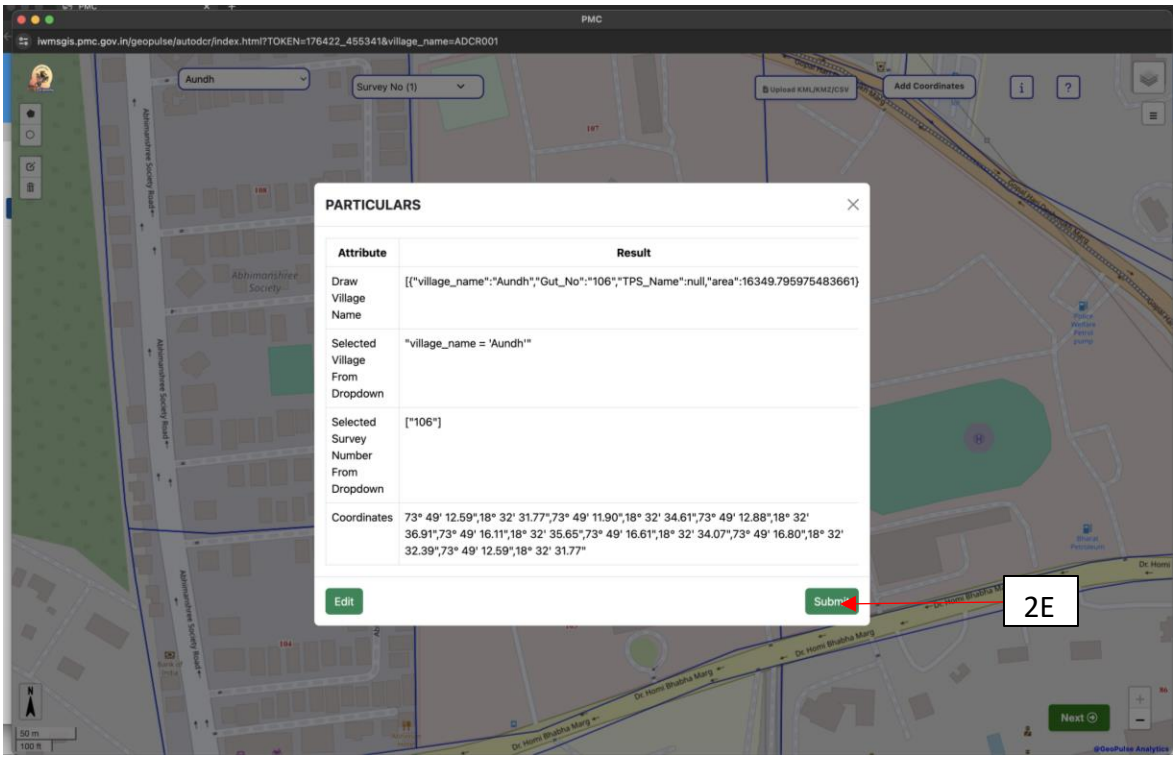
2B. Click on this icon, and the vertices of the polygon will become visible, allowing you to move them as needed. After adjusting the vertices to your satisfaction.

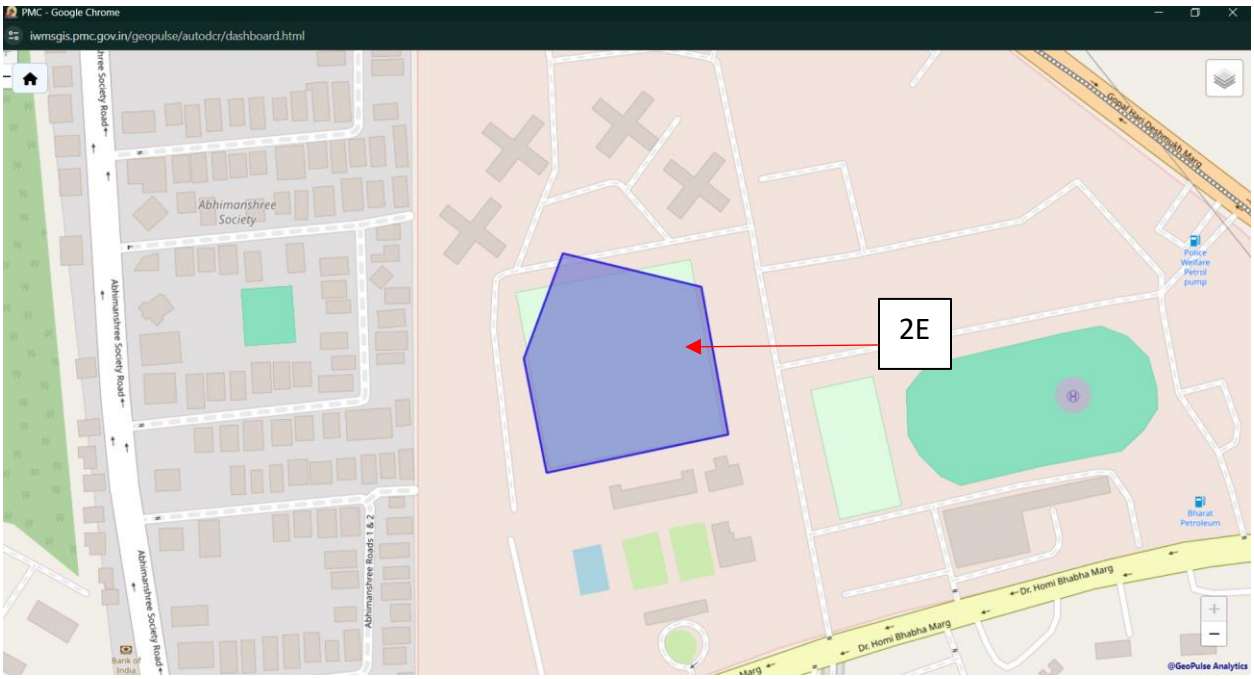
2C. Save the changes by clicking on the save button.

2D. If you decide not to proceed with the changes, you have the option to cancel them.



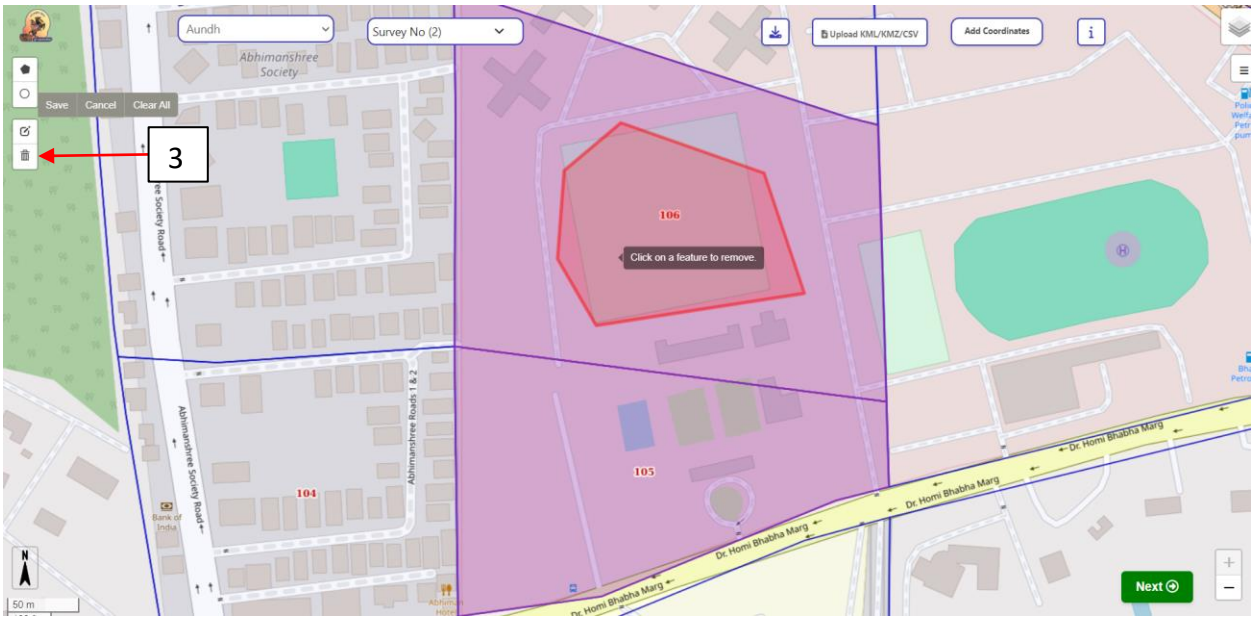
2E. Click on the next button to view data. Verify the details and click on the submit button. Once the verified your details, click on the submit button, the drawing will be saved to Auto DCR and will be previewed on the next page.


PMC
iwmsgis.pmc.gov.in/geopulse/autodcr/index.html?TOKEN=176422_455341&village_name=ADCR001
Aundh
Survey No (1)
Upload KML/KMZ/CSV
Add Coordinates
PARTICULARS
Attribute
Result
Draw Village Name
[{"village_name":"Aundh","Gut_No":"106","TPS_Name":null,"area":16349.795975483661}
Selected Village From Dropdown
"village_name = 'Aundh'"
Selected Survey Number From Dropdown
["106"]
Coordinates
73° 49' 12.59",18° 32' 31.77",73° 49' 11.90",18° 32' 34.61",73° 49' 12.88",18° 32' 36.91",73° 49' 16.11",18° 32' 35.65",73° 49' 16.61",18° 32' 34.07",73° 49' 16.80",18° 32' 32.39",73° 49' 12.59",18° 32' 31.77"
Edit
Submit
2E
Next
Abhimanshree Society
Dr. Homi Bhabha Marg
Police Welfare Petrol pump
Bharat Petroleum
@GeoPulse Analytics


PMC - Google Chrome
iwmsgis.pmc.gov.in/geopulse/autodcr/dashboard.html
Abhimanshree Society
Abhimanshree Society Road
Abhimanshree Roads 1 & 2
2E
Dr. Homi Bhabha Marg
Police Welfare Petrol pump
Bharat Petroleum
Bank of India
@GeoPulse Analytics

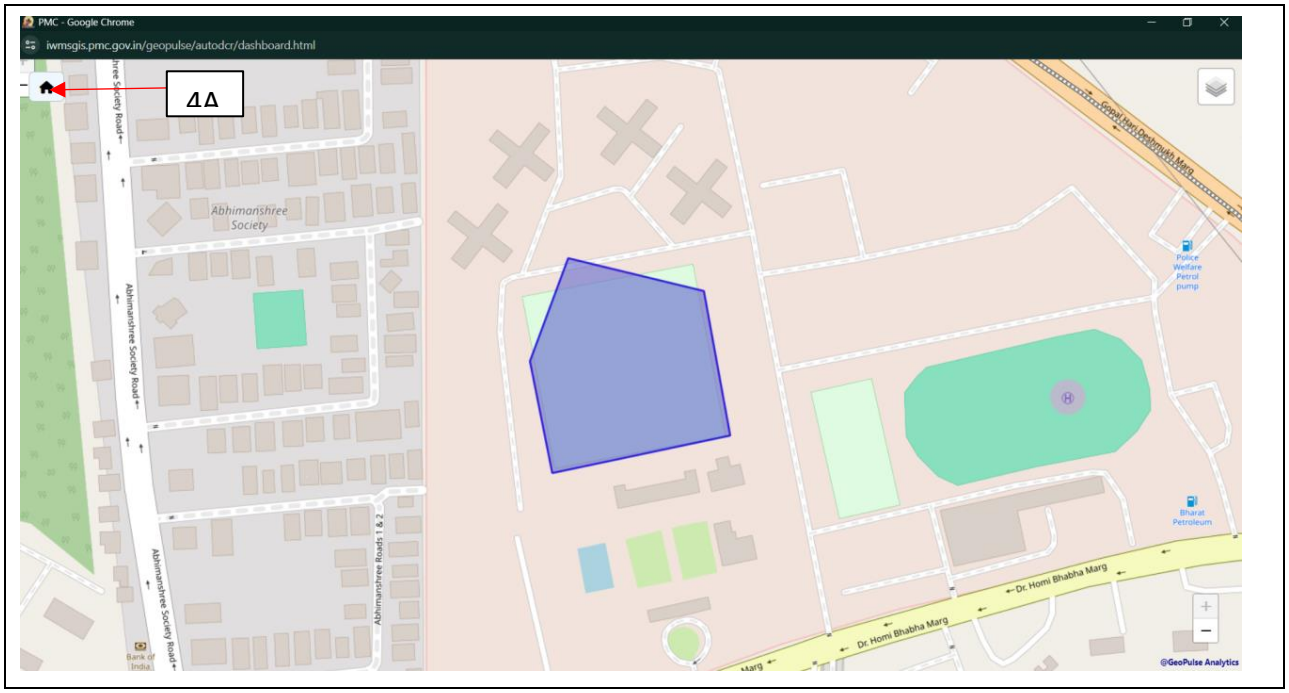
3. Delete layer

To remove the entire drawing, click on delete icon . This feature typically allows you to select the entire polygon or drawing and delete it with a single action. This can be useful if you want to start over or if the drawing is no longer needed.

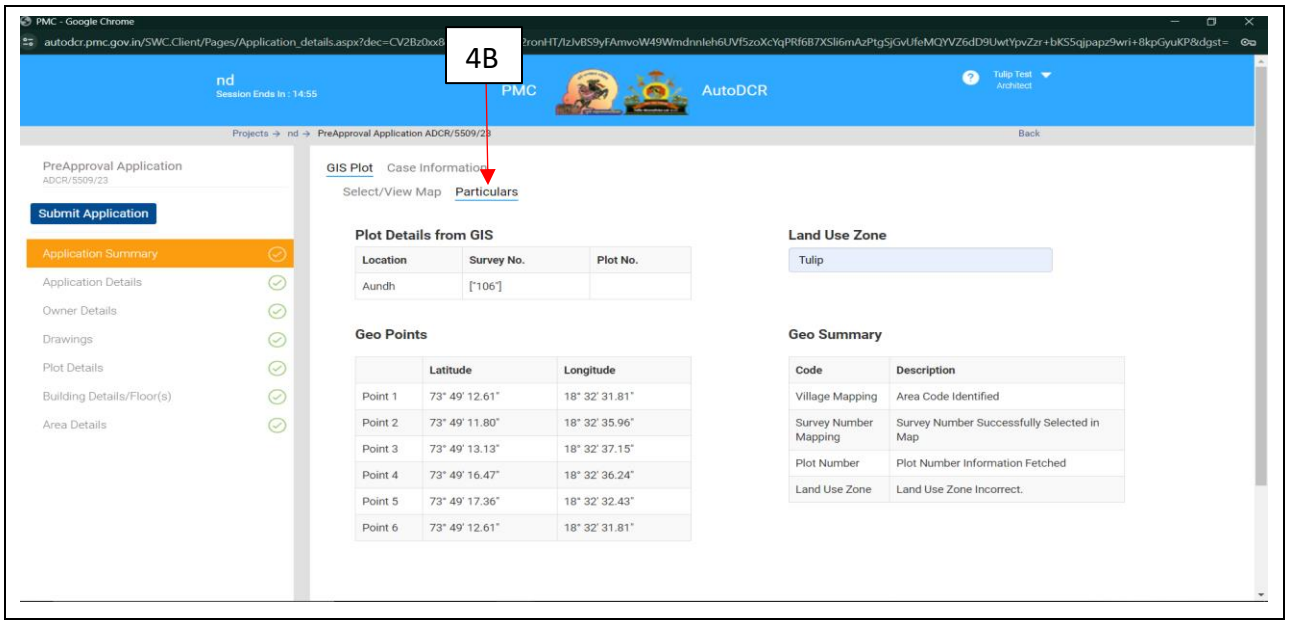


4. View Co-ordinates

4A. On the preview page, navigate to the to go back to the Autodcr Interface.



4B. Under the particulars tab, you would be able to view the plot details and co-ordinates.



At the top of the GIS interface, you'll find essential tools such as

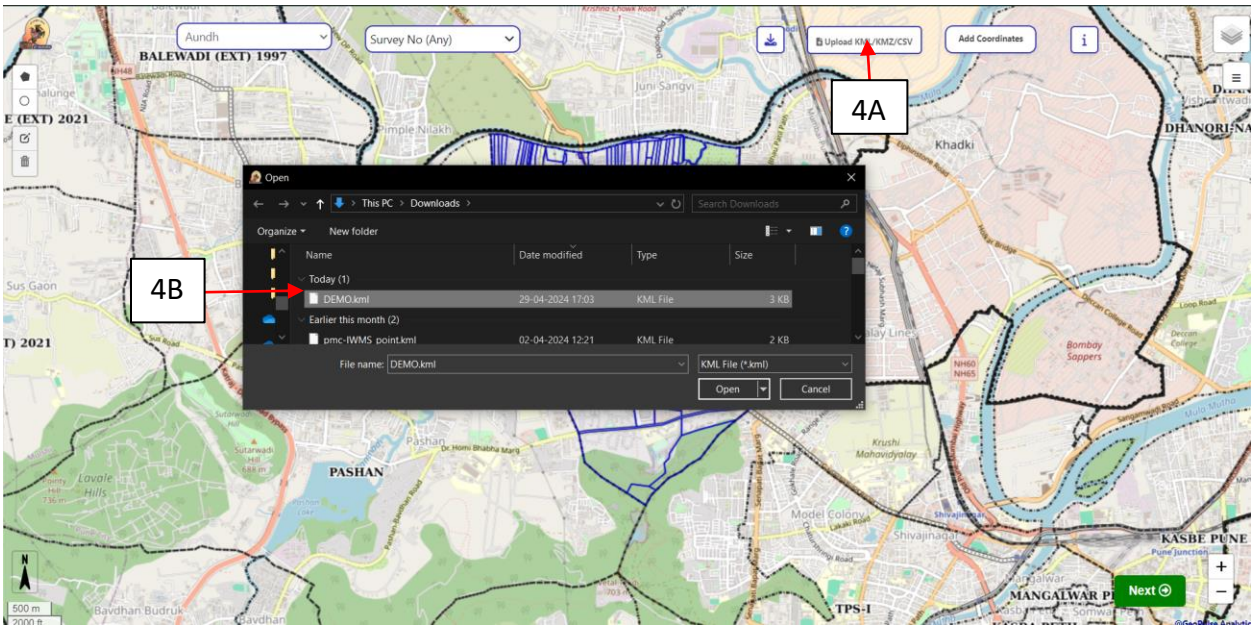
Upload KML/KMZ/CSV

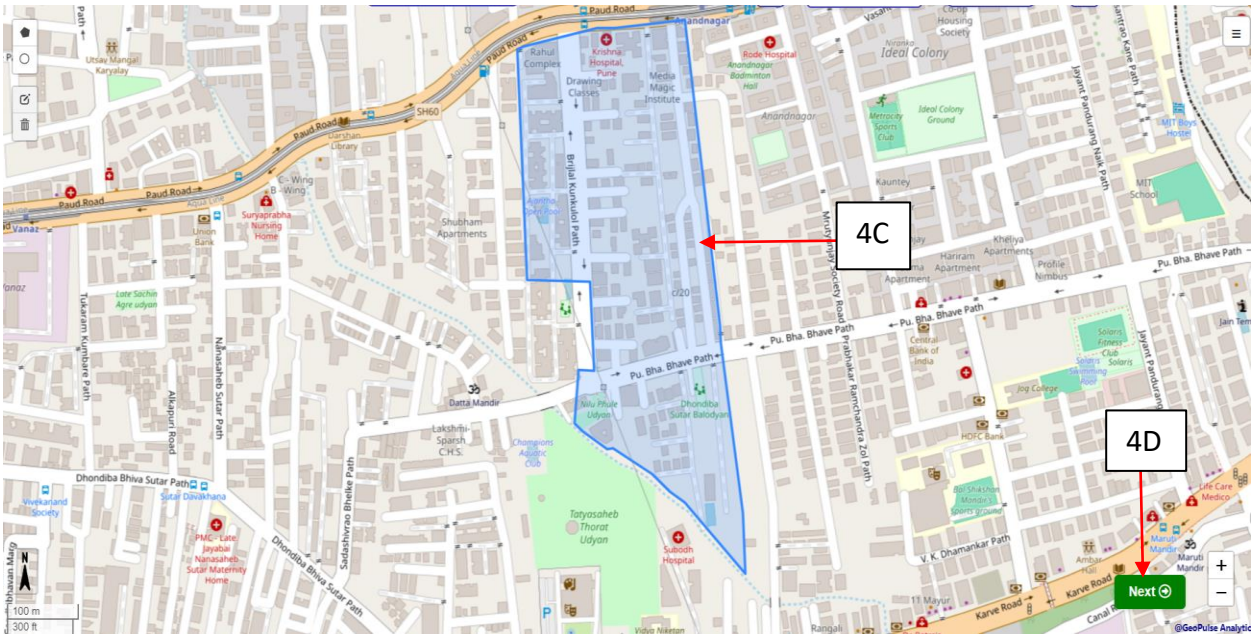
If you have geographic data for your plot in KML, KMZ, or CSV format, you can upload it by navigating to the Upload KML/KMZ/CSV located at the top of the interface. Once the files are uploaded, the map will automatically zoom in to display the desired area.

4A. To Upload KML/KMZ, click on Upload KML/KMZ/CSV.

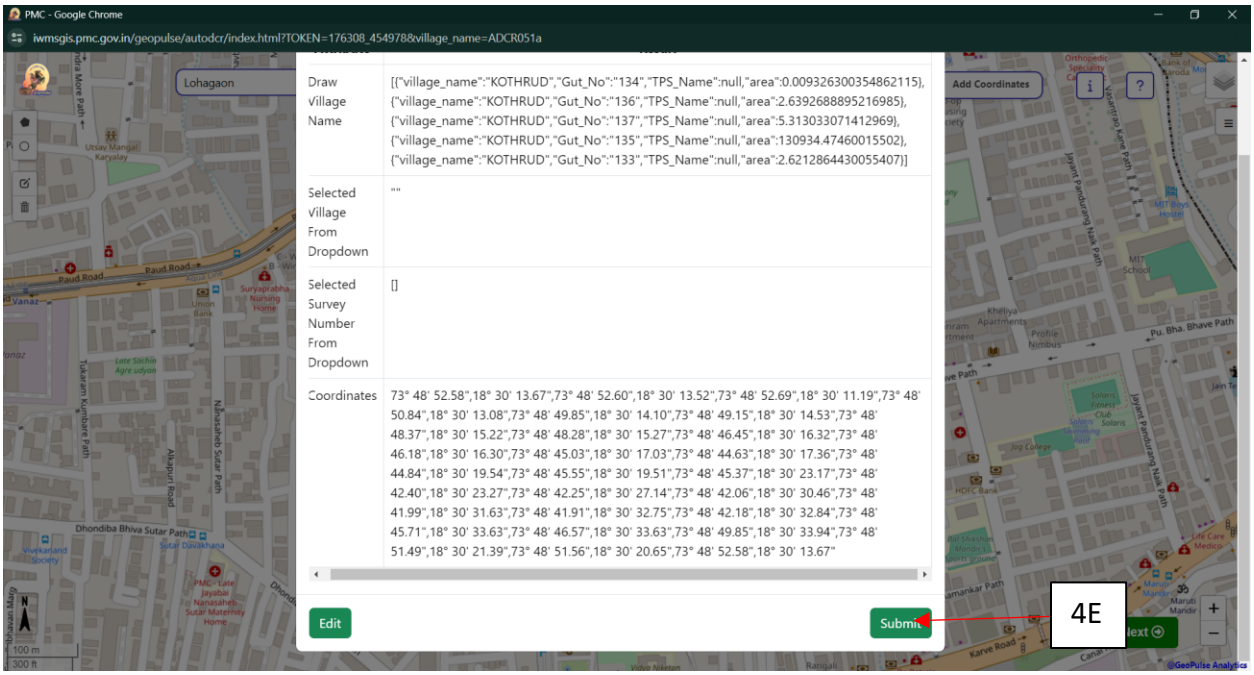
4B. Select the KML /KMZ to be displayed on the map from your folder.

4C. Once the KML/KMZ is uploaded, it will be displayed on the map.

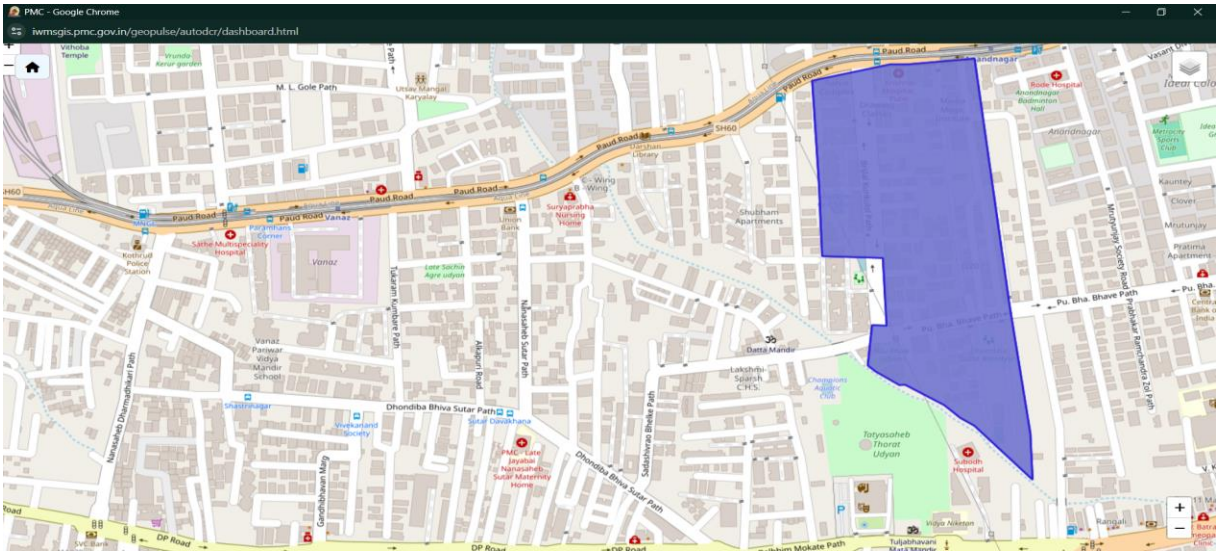




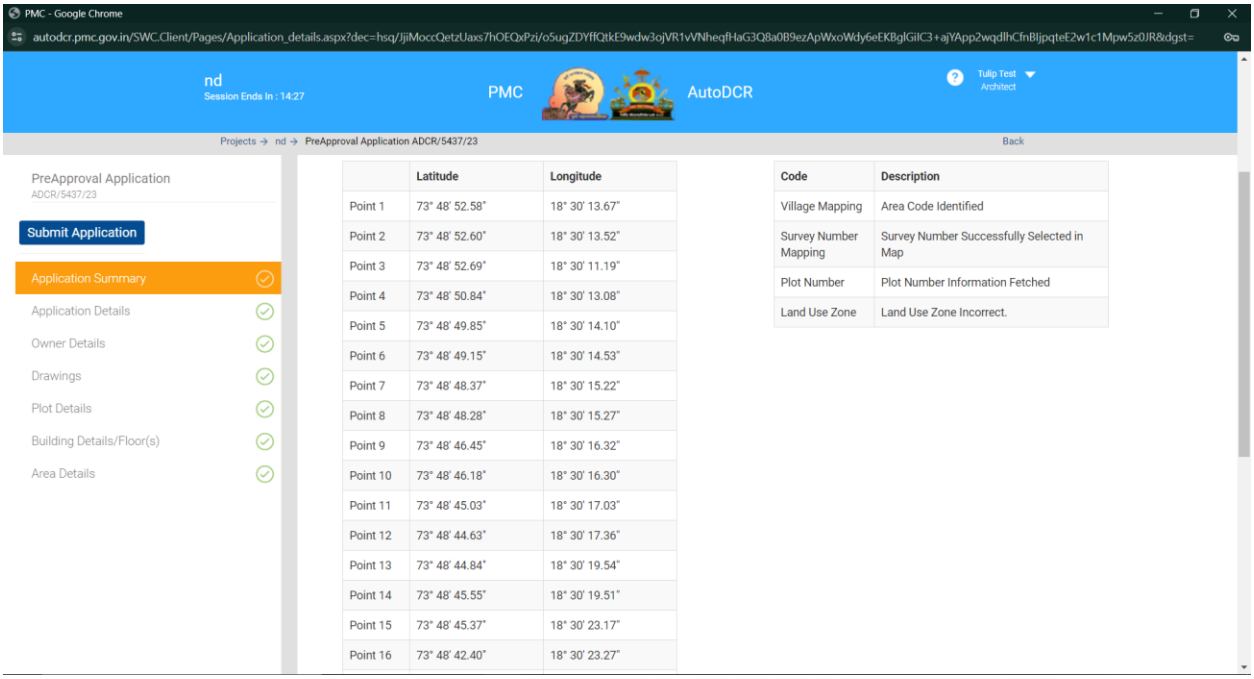
4D. Click on the next button to view data on the next page.



4E Once the data is verified, hit the submit button. click on the submit button, the drawing will be saved to Auto DCR and will be previewed on the next page.

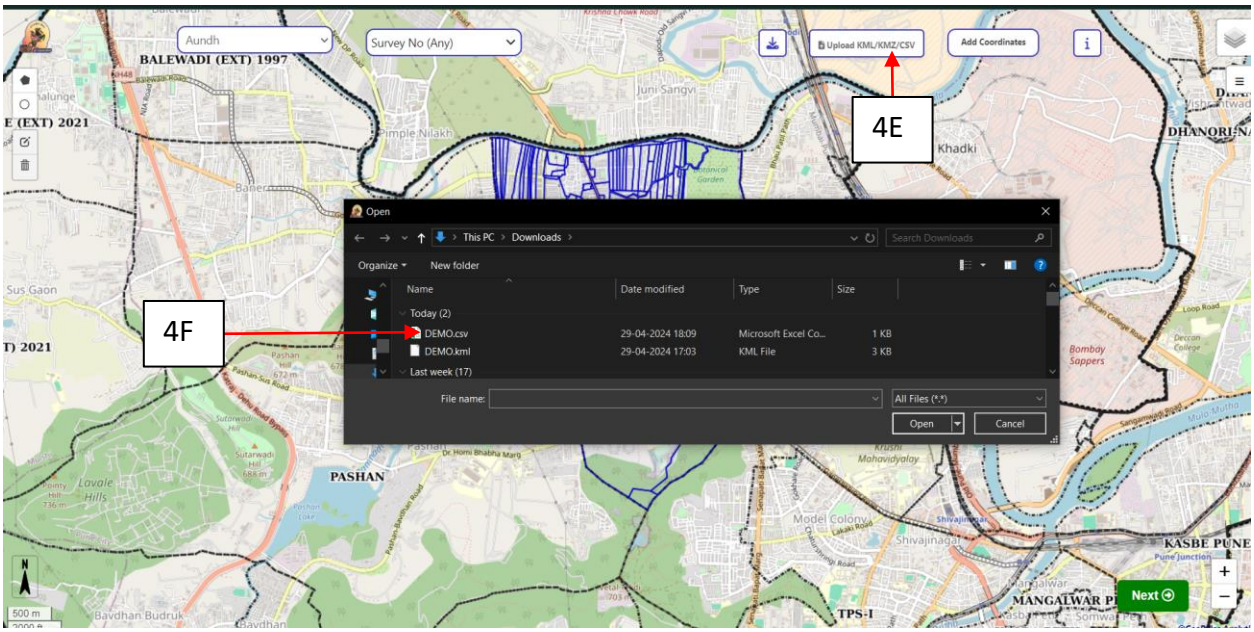


4F. To view co-ordinates and other details on Auto DCR interface, click on the to go back anck the detals under particulars tab.


PMC - Google Chrome
autodcr.pmc.gov.in/SWC_Client/Pages/Application_details.aspx?dec=hsq/JjiMoccQetzUaxs7hOEQxPzi/o5ugZDYffQtkE9wdw3ojVR1vVNheqfHaG3Q8a0B9ezApWxoWdy6eEKBgIGiIC3+ajYApp2wqdIhCfnBIjpqteE2w1c1Mpw5z0JR8dgst=
nd
Session Ends In : 14:27
PMC
AutoDCR
Tulip Test
Architect
Projects → nd → PreApproval Application ADCR/5437/23
Back
PreApproval Application
ADCR/5437/23
Submit Application
Application Summary
Application Details
Owner Details
Drawings
Plot Details
Building Details/Floor(s)
Area Details
Latitude
Longitude
Point 1 73° 48' 52.58" 18° 30' 13.67"
Point 2 73° 48' 52.60" 18° 30' 13.52"
Point 3 73° 48' 52.69" 18° 30' 11.19"
Point 4 73° 48' 50.84" 18° 30' 13.08"
Point 5 73° 48' 49.85" 18° 30' 14.10"
Point 6 73° 48' 49.15" 18° 30' 14.53"
Point 7 73° 48' 48.37" 18° 30' 15.22"
Point 8 73° 48' 48.28" 18° 30' 15.27"
Point 9 73° 48' 46.45" 18° 30' 16.32"
Point 10 73° 48' 46.18" 18° 30' 16.30"
Point 11 73° 48' 45.03" 18° 30' 17.03"
Point 12 73° 48' 44.63" 18° 30' 17.36"
Point 13 73° 48' 44.84" 18° 30' 19.54"
Point 14 73° 48' 45.55" 18° 30' 19.51"
Point 15 73° 48' 45.37" 18° 30' 23.17"
Point 16 73° 48' 42.40" 18° 30' 23.27"
Code
Description
Village Mapping
Area Code Identified
Survey Number Mapping
Survey Number Successfully Selected in Map
Plot Number
Plot Number Information Fetched
Land Use Zone
Land Use Zone Incorrect.

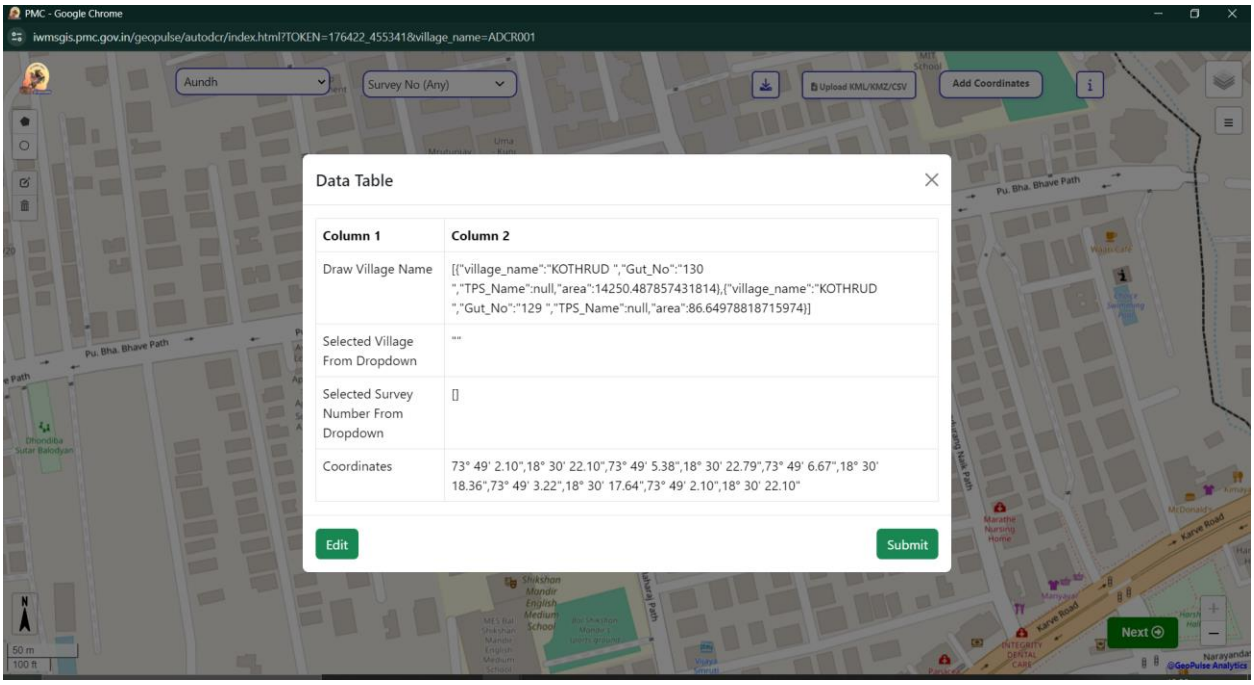
4E. To upload a CSV, click on

4F. Select the CSV to be displayed on the map from your folder.

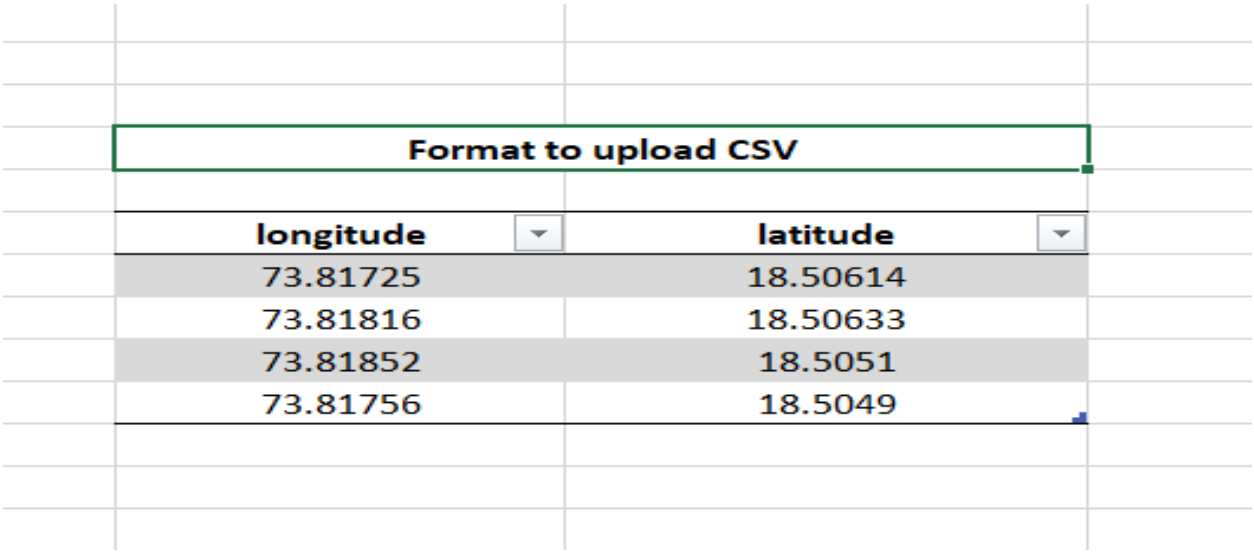


4G. Once the Once the CSV is uploaded, it will be displayed on the map.

4H. Click on the next button to view data on the next page.



Please note that the column format inside the file should look like the format shown in the image.



Format to upload CSV	
longitude	latitude
73.81725	18.50614
73.81816	18.50633
73.81852	18.5051
73.81756	18.5049

Add Coordinates

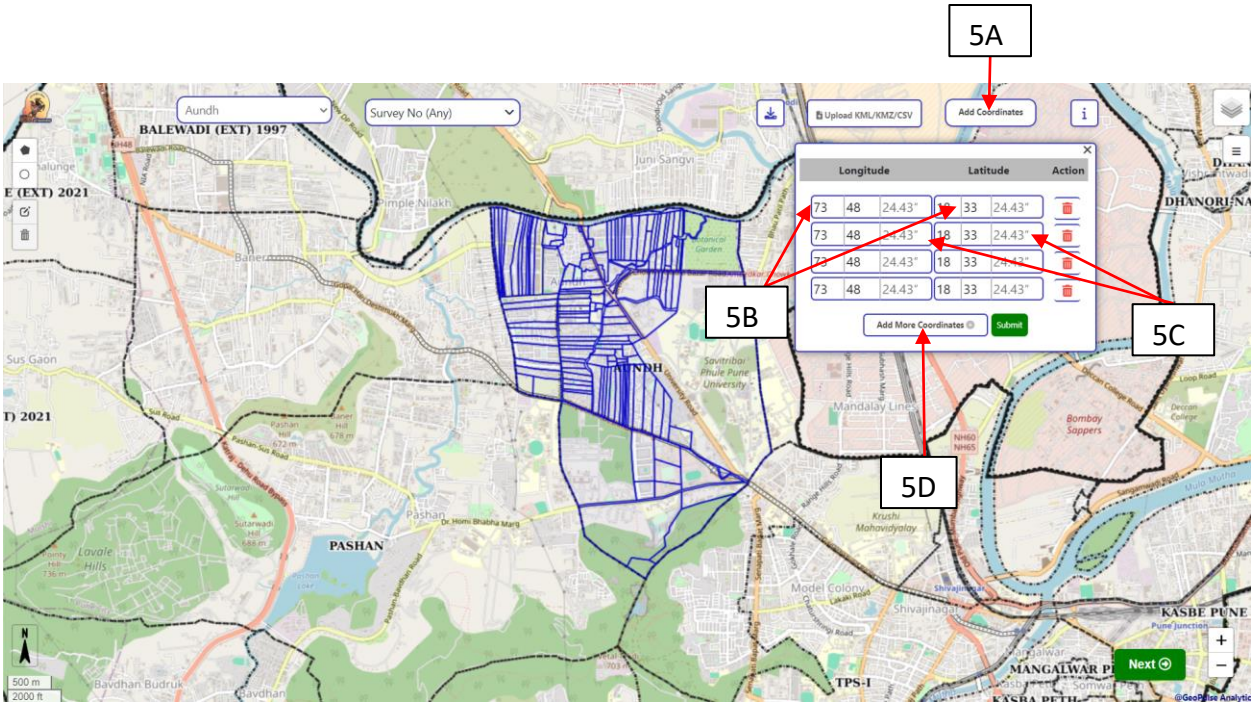
5A. If you have only co-ordinates of your plot, you can locate a desired plot by inputting coordinates directly by using

.

5B. The input format is in degrees, minutes, and seconds, with the degree fixed for Pune city and minutes fixed for the selected ward.

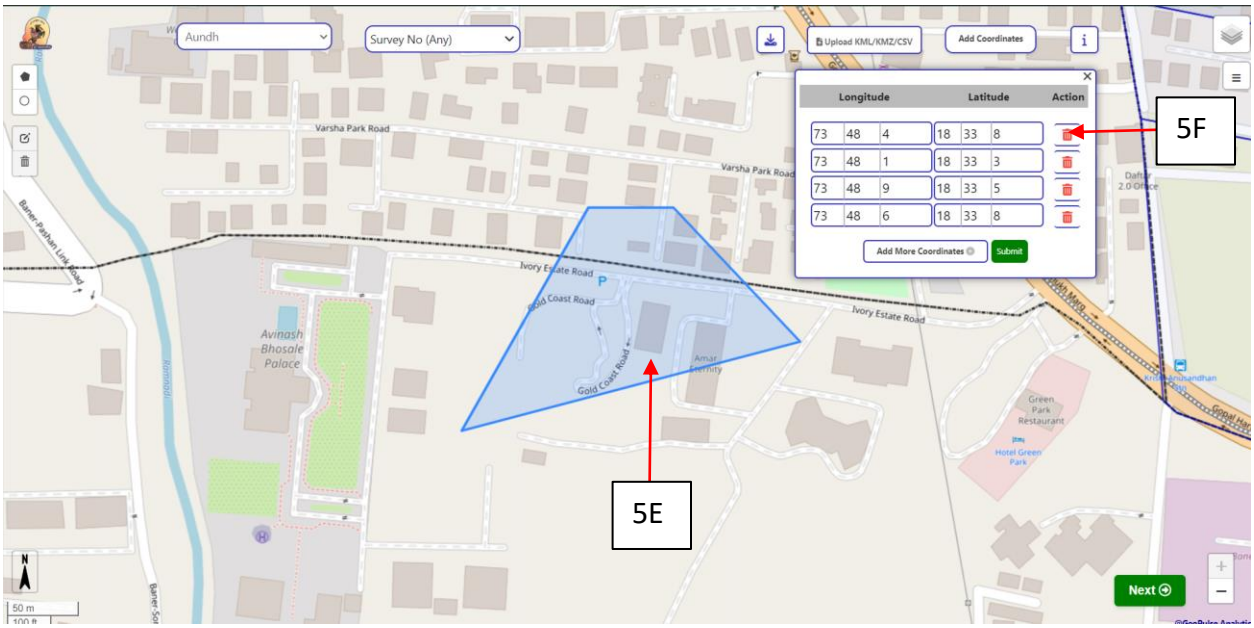
5C. You only need to input the seconds data to pinpoint the plot on the map accurately.

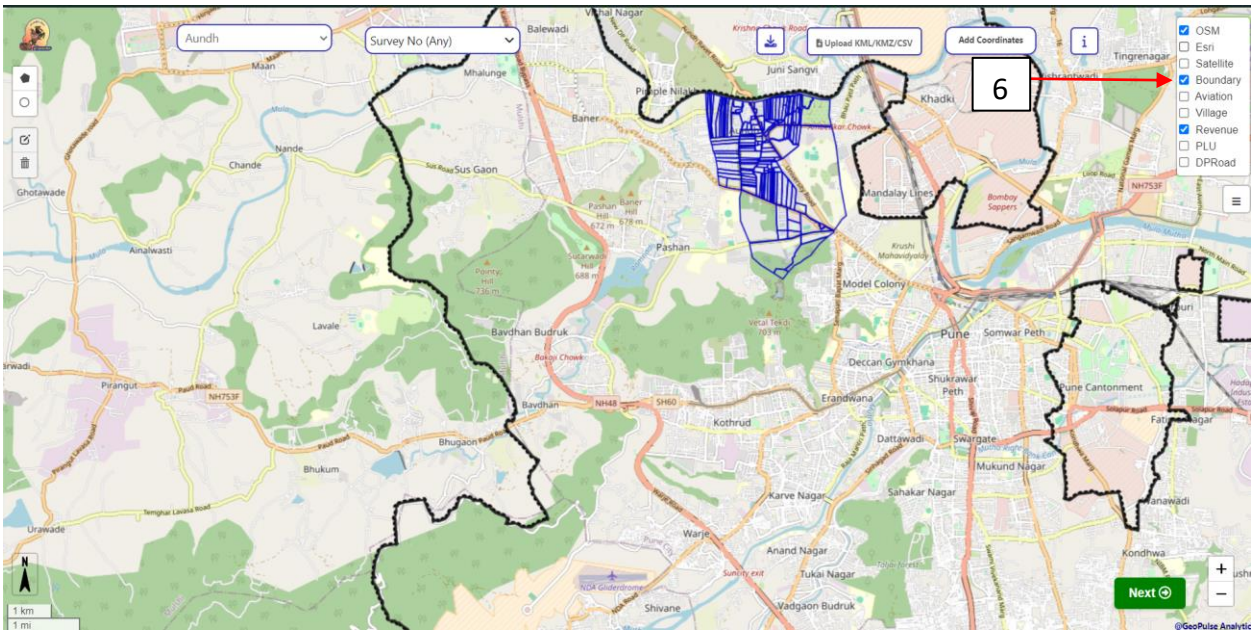
5D. To add more co-ordinates, click on ‘add more co-ordinates. To ensure precision, a minimum of four coordinates are required.



5E. These coordinates will zoom to your desired plot location on the map.

5F. Use the delete option to change or reduce the number of co-ordinates completely.



Layer List

On the right side of the interface, map layers such as open street map, ESRI satellite map, Google Satellite map, PMC boundary, village boundary are made available and allows you to toggle their visibility.