**Tutorial 3**

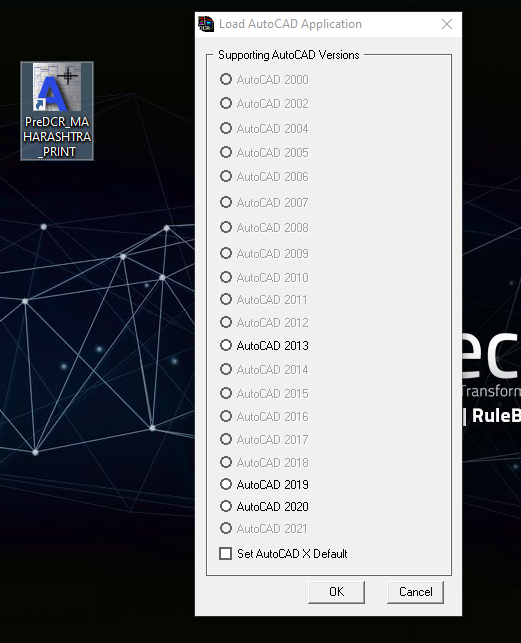
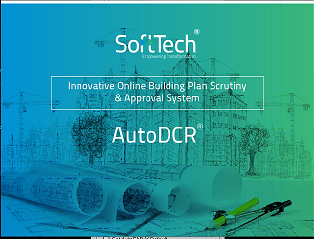
**PreDCR Conversion of Amalgamation + Building Permission Drawing.**

**(Amalgamation + Residential use Proposed Building with Parking + 4 typical upper floors building withRoad Widening.)**

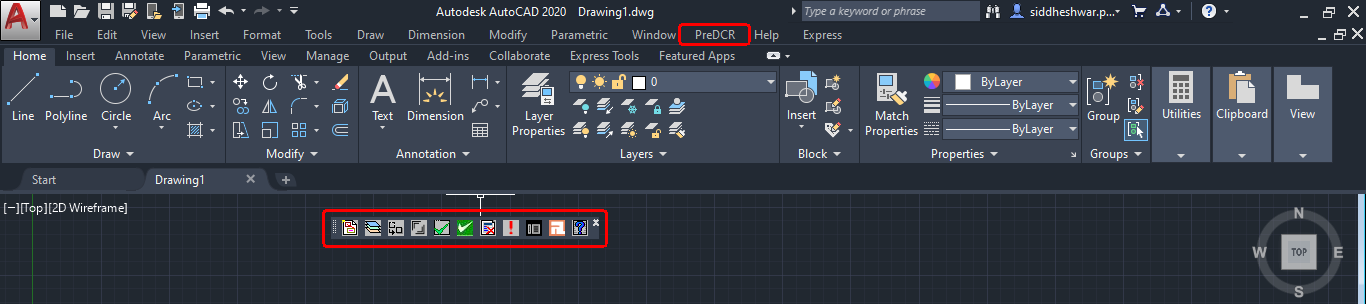
# How to convert Residential PreDCR drawing for preparation of submission drawing?

1. **How to start PreDCR?**

* Double-click the PreDCR Maharashtra\_Print icon on your desktop.
* The following screen will pop up for the selection CAD version.
* Please select the CAD version to run the PreDCR.

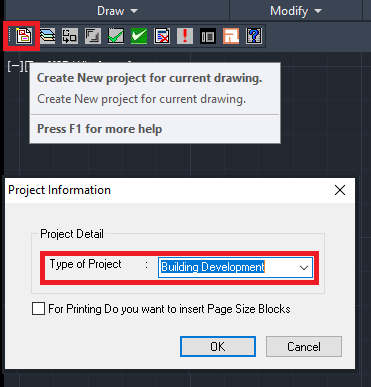


* PreDCR Toolbar and PreDCR Menu will be loaded in the CAD Application.



1. **How to create a ‘New Project’ and ‘Insert’ printing layout sheet ?**

* Open the drawing file form ‘**Open File location’**
* Click on the first tab available in the PreDCR toolbar ‘**Create a new project for current drawing’**.
* This command will ‘**Create New project’** for the current drawing.
* ‘**Project Information** ‘window to select ‘**Type of Project’** from the dropdown.
* Selecte ‘Type of Project’ = ‘Building Development’

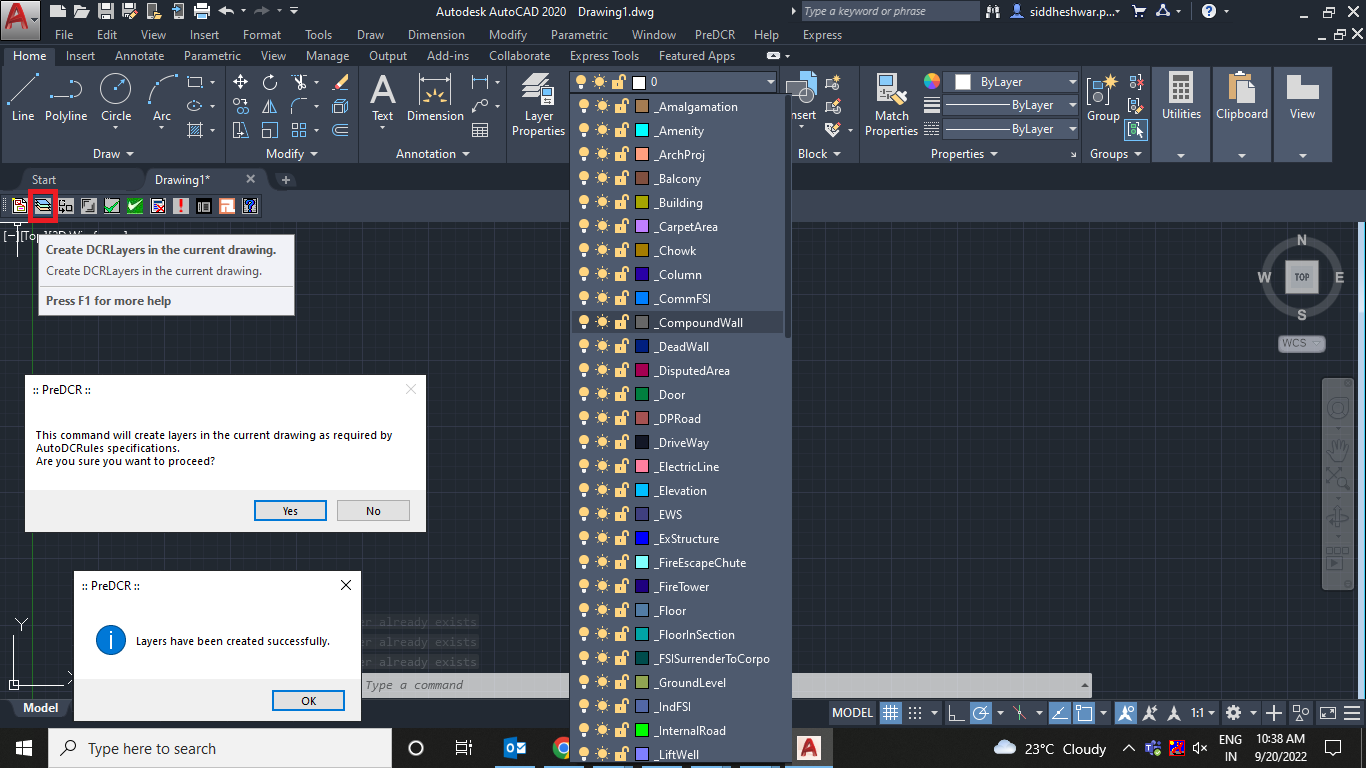


* Click ‘OK’ after selecting the type of project

NOTE: All PreDCR conversion should be done in closed polylines on a 1:1 metric scale.

1. **How to Create Layers in the drawing?**

* Click on the 2nd tab ‘**Create DCR Layers in the current drawing’**.
* This tab will create layers required for drawing conversion as per the selected ‘Type of Project’.
* Click on ‘Yes’ in the PreDCR dialog box.
* For the proposed development type software will generate the standard set of layers for drawing conversion.

****

1. **How to convert PreDCR drawing?**

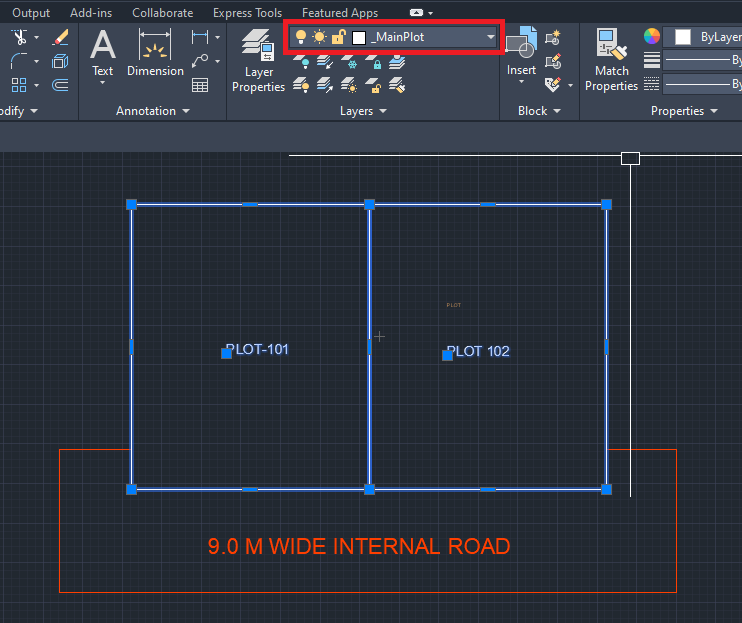
Let’s learn the PreDCR drawing conversion.

This tutorial will explain the conversion process of an Amalgamation + Residential use Building Permission drawing with Parking + 4 typical upper floors building and Road Widening

* 1. **Let’s start with the ‘Amalgamation Plan’ Conversion.**

**4.1.1. How to draw before amalgamation plots in the ‘\_Main Plot’ layer?**

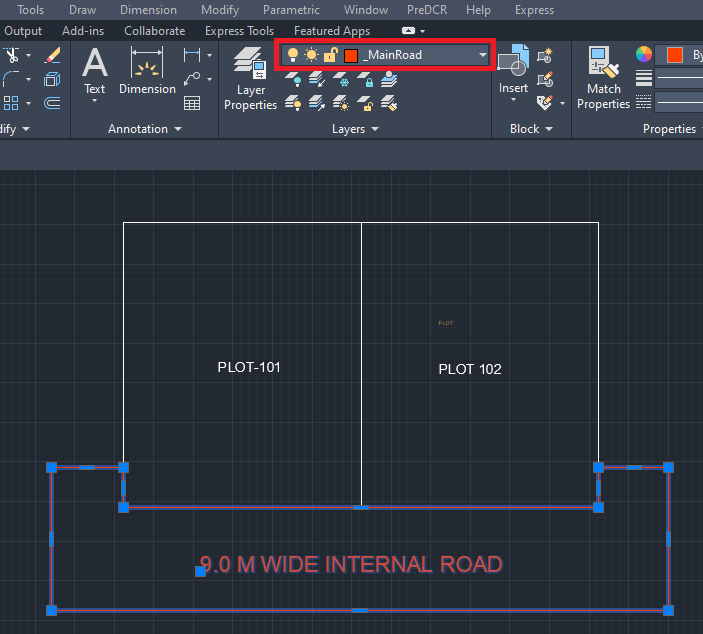
* Go to layers drop down🡪 Select ‘\_MainPlot’ layer.
* Draw required amalgamated every plot outline separately in closed polyline on the ‘\_MainPlot’ layer.
* Give MText for every plot as ‘Plot Number/Name’. (Like Plot 101, 102,103)



**4.1.2. How to draw ‘\_MainRoad’ layer?**

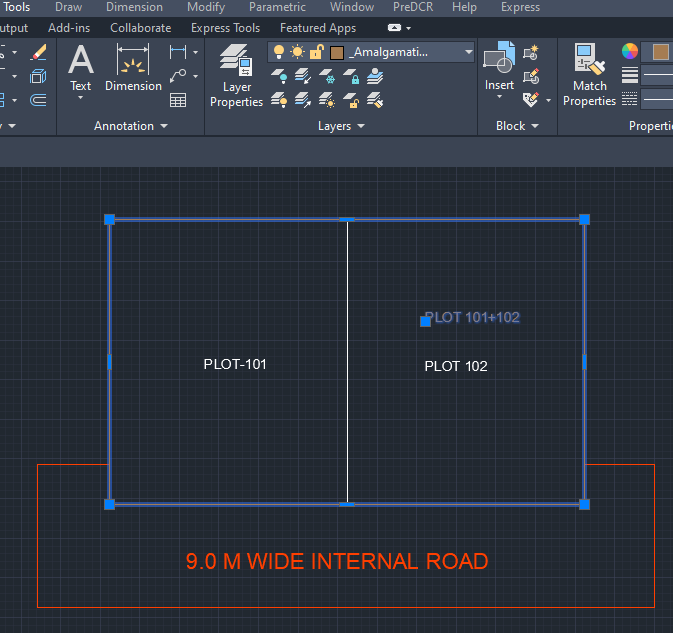
* Go to layers drop down🡪 Select ‘**\_MainRoad’** layer.
* Draw main road in closed polyline on ‘\_MainRoad’ layer.
* ‘\_MainRaod’ layer should exactly overlap with ‘\_MainPlot’ layer.
* Give MText for ‘Road name with road width’

For ex. – Here in sample drawing – ‘9.00m wide internal road’ is written.

****

**4.1.3. How to draw ‘\_Amalgamation’ layer?**

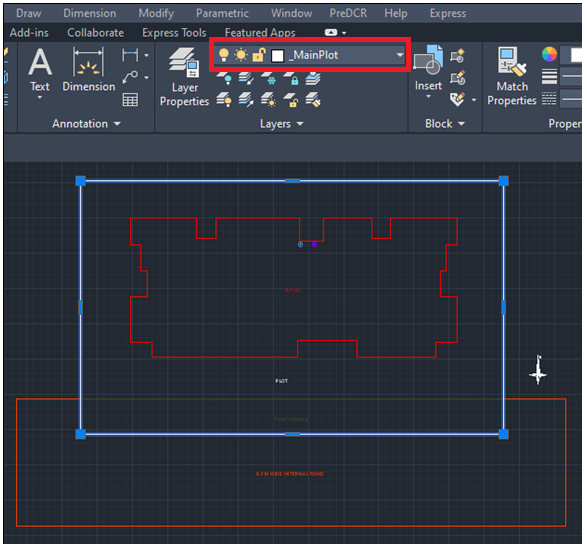
* Go to layers drop down🡪 Select ‘**\_Amalgamation’** layer.
* Draw in closed polyline on around the required amalgamated plot poly ‘\_Amalgamation’ layer.
* ‘\_Amalgamation’ layer should exactly overlap with ‘\_MainPlot’ and ‘\_MainRoad’ layer.
* Give MText for ‘Amalgamtion’ as ‘Plot 101+102’

****

* 1. **Let’s start the ‘Site Plan‘ Conversion for Building Permission.**

**4.2.1 How to draw ‘\_MainPlot’ layer of building permission Site Plan?**

* Go to layers drop down🡪 Select ‘\_MainPlot’ layer.
* Here draw the plot outline as per the amalgamation layers as drawn on 4.1.3 in closed polyline on ‘\_MainPlot’ layer.
* Give MText for ‘Plot Number/Name’.

****

**4.2.2. How to draw the ‘\_Road Widening’ layer?**

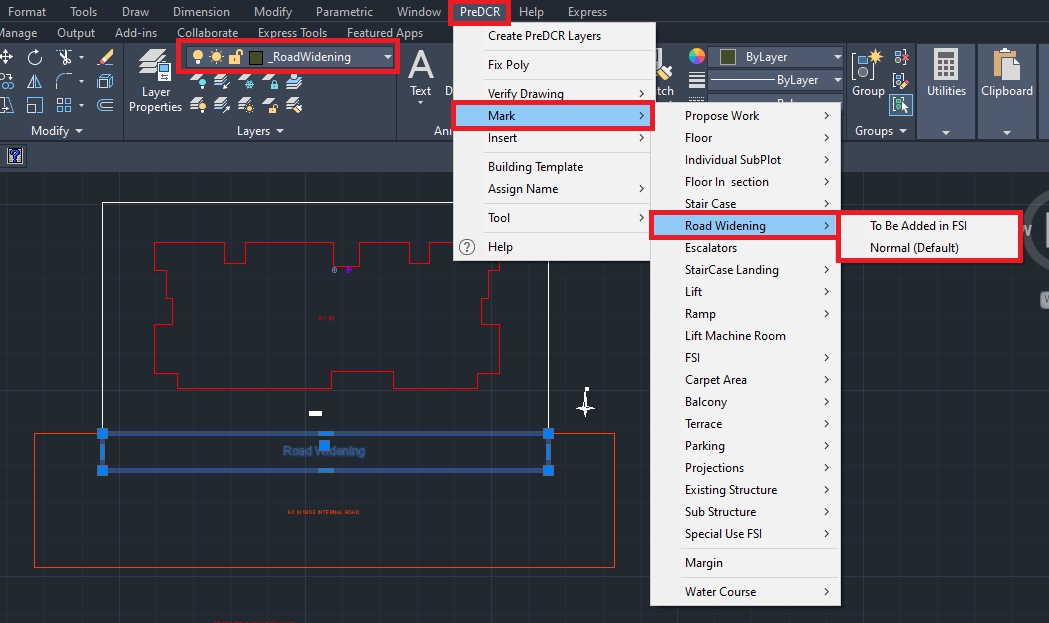
* Go to layers drop down🡪 Select **‘\_Road Widening’** layer.
* Draw road widening in closed polyline on **‘\_Road Widening’** layer.
* ‘\_Road Widening’layer should be drawn inside the main plot ploy exactly overlapping with the ‘\_MainPlot’ and ‘\_MainRoad’ layer.
* ‘\_Road Widening’ layer should be marked with an available option the in PreDCR menu dropdown.
* For marking the**‘\_Road Widening’** layer:

Go to menu bar PreDCR 🡪 Mark🡪Road Widening🡪Normal (Default)/ ‘To be added in FSI’

Marking option selection should be based on the proposal.

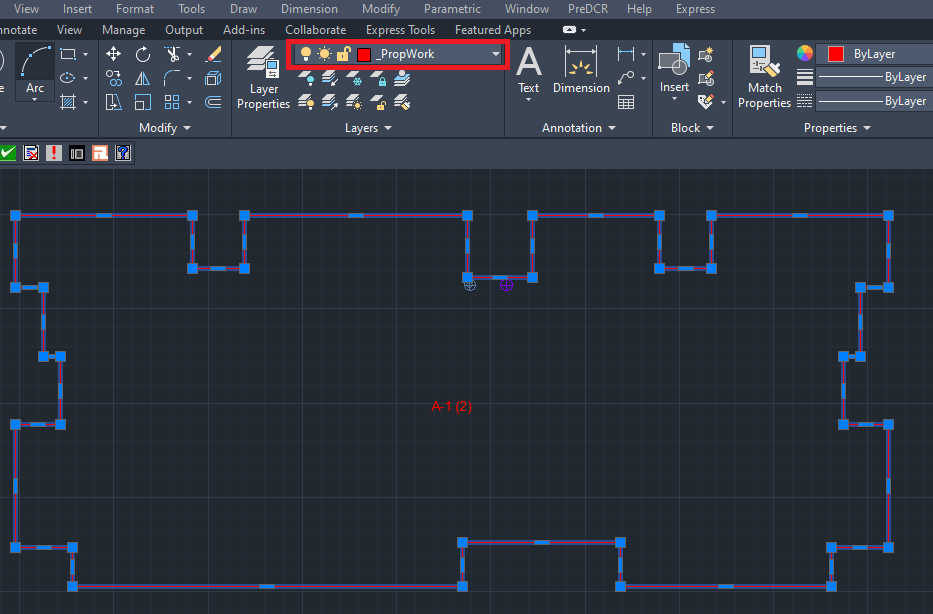
In case road widening is considered in FSI then select ‘To be added in FSI’.

Here for the sample case ‘Normal (Default)’ option is selected for marking the ‘\_Road Widening’ layer.

****

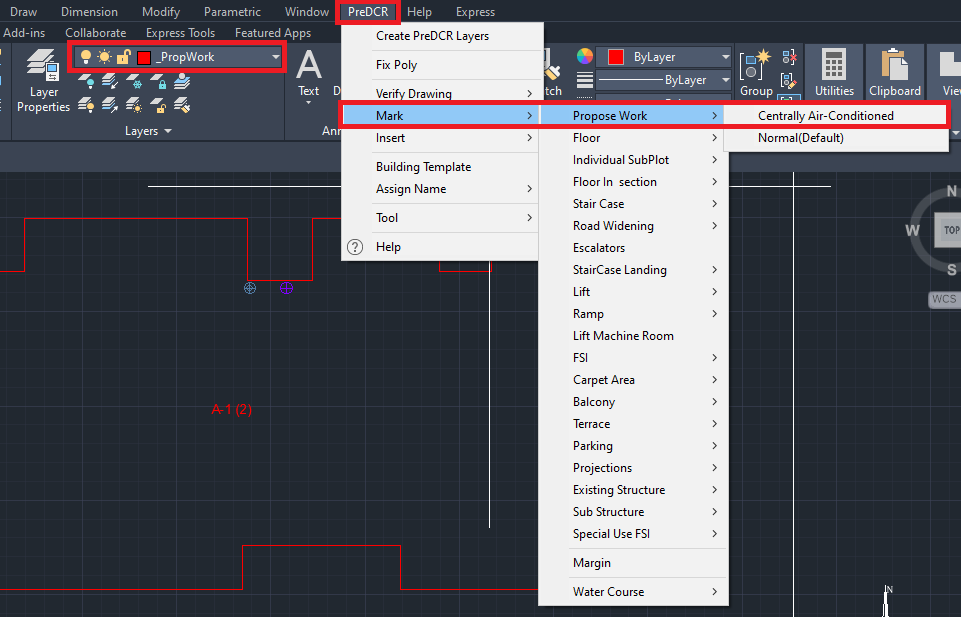
**4.2.3. How to draw the ‘\_PWork’ layer?**

* Go to layers drop down🡪 Select ‘**\_PWork’** layer.
* Draw proposed work/building outline in closed polyline on ‘**\_PWork’** layer.
* **‘\_PWork’** layer should be drawn inside the plot poly/site plan.
* PWork is a building profile and shall be drawn inside the plot.

****

In case the building is ‘Centrally-Air-Conditioned’ mark PWorkfollowsllow:

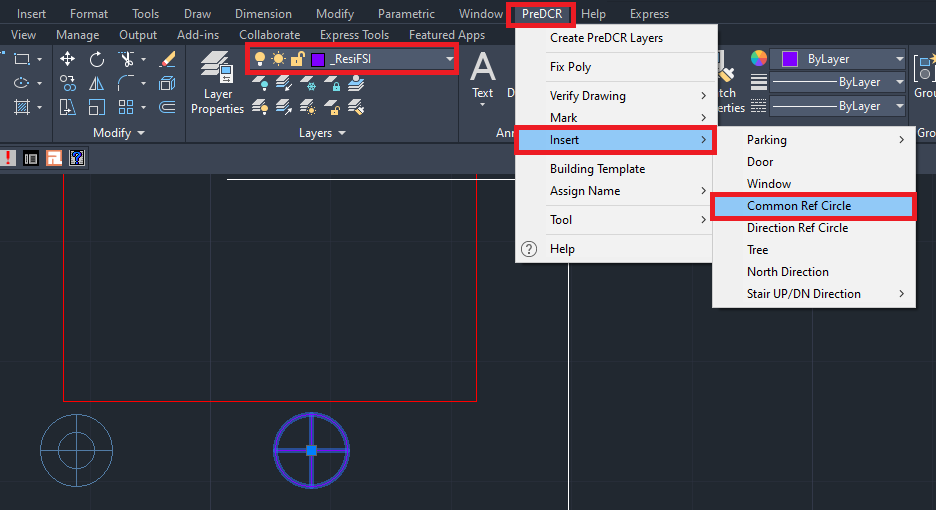
* Go to menu bar PreDCR menu drop down 🡪Select ‘Mark’🡪 Select ‘Propose Work’🡪 Select ‘Centrally-Air-Conditioned’.



**4.2.4. How to insert ‘Common reference circle’?**

* Go to layers drop down🡪 Select **‘\_FSI’** layer.
* For Residential proposal ‘\_ResiFSI’ is selected.
* Select the **‘\_ResiFSI’** layer to insert a common reference circle.
* Go to menu bar PreDCR menu drop down 🡪Select ‘Insert’🡪 Select ‘Common reference circle.
* Common reference circle is mandatory to insert on the same point in every floor plan and in the site plan.

For ex: Select common space available on every floor like a staircase OR lift location

****

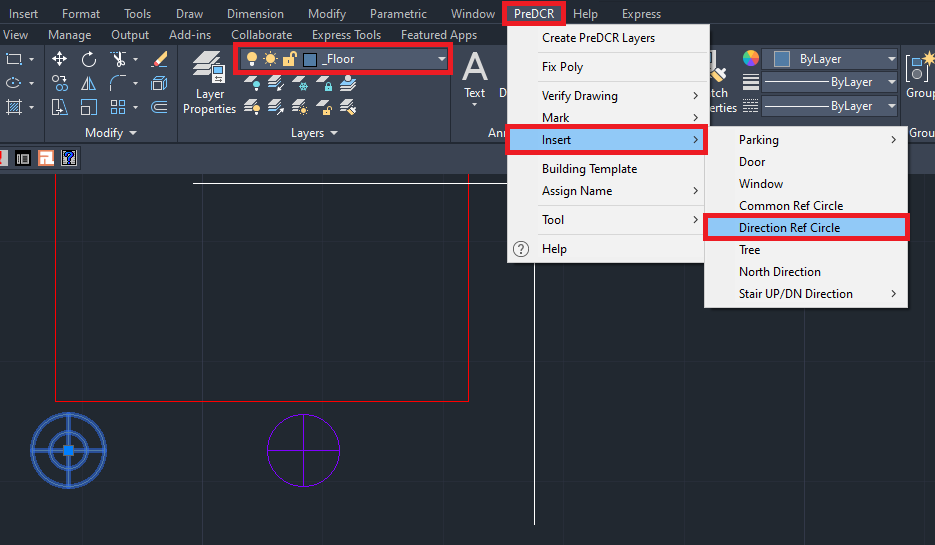
**4.2.5. How to insert ‘Direction reference circle’?**

* Go to layers drop down🡪 Select **‘\_Floor’** layer.
* Select the **‘\_Floor’** layer to insert the direction reference circle.
* Go to PreDCR menu drop down 🡪Select ‘Insert’🡪 Select ‘Direction reference circle’.
* Direction reference circle is mandatory to insert at the same point in every floor plan and in the site plan.

For ex: Select common space available on every floor like a staircase OR lift location

Note:

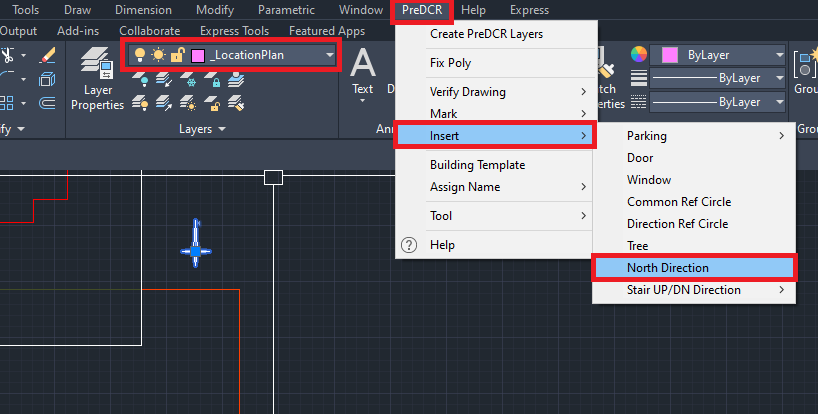
Both direction and common reference circle are to be inserted together/next to each other in the same point.  
Please refer to the below daring screenshot.

****

**4.2.6. How to insert North Direction?**

* Go to layers drop down🡪 Select **‘\_Location Plan’** layer.
* To insert North Direction:

Go to the PreDCR menu 🡪Select ‘Insert’ 🡪 Select ‘North Direction’🡪 Specify Insertion Point in the drawing.

****

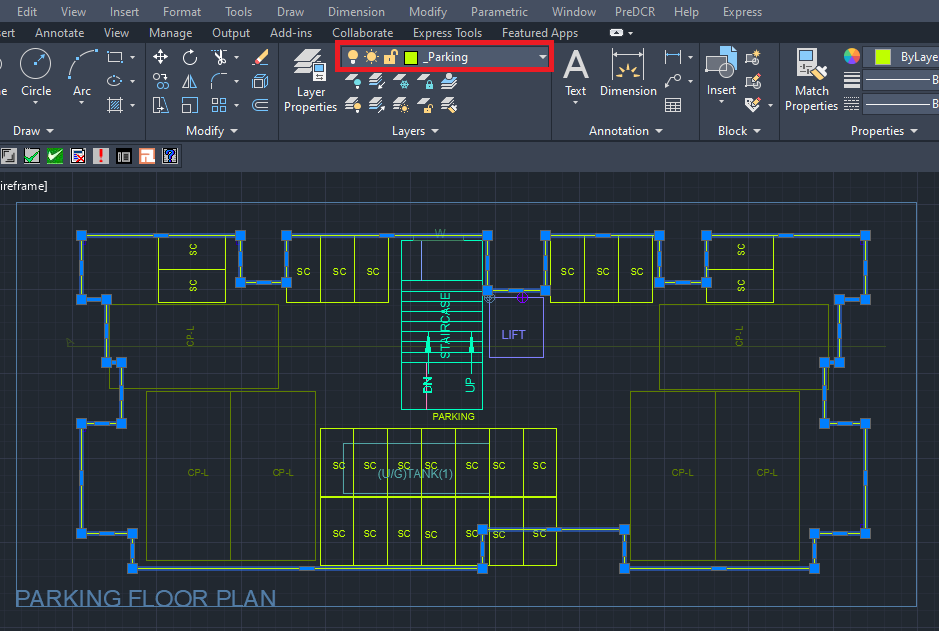
NOTE:

Complete the site plan by converting the main road as explained in the 4.1.2 sections.

* 1. **Let’s start the ‘Parking/Stilt Floor Plan’ Conversion.**

**4.3.1. How to draw the parking floor outline on the ‘\_Parking’ layer?**

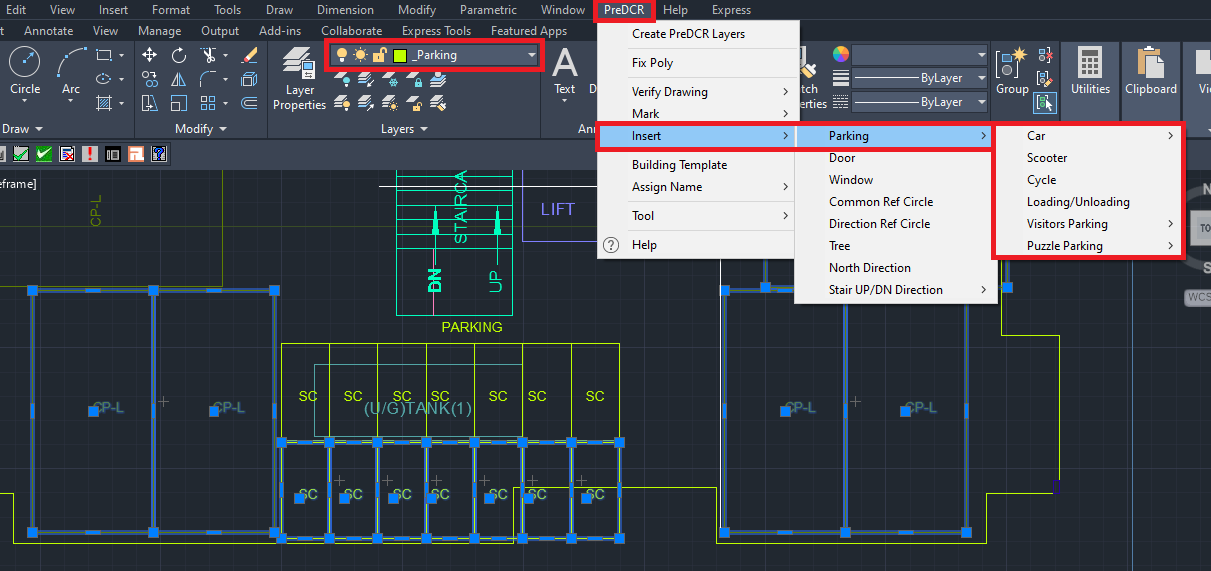
* Go to layers drop down🡪 Select **‘\_Parking’** layer.
* Draw proposed parking outline in closed polyline on **‘\_Parking’** layer.
* Give MText as ‘Parking’ OR ‘Stilt Parking’ as proposed.

****

**4.3.2. How to insert the individual car parking inside the basement floor?**

* To insert the individual car parking :

Go to the PreDCR menu 🡪Select ‘Insert’ 🡪 Select ‘Parking’ 🡪 Select ‘Car’ 🡪 Select ‘Small Car’ 🡪 Select Floor/ Main Plot poly 🡪Specify insertion point🡪Specify number for individual parking. Insert car parking as per the proposal.



**4.3.4. How to draw ‘\_LiftWell’ layer?**

* Go to layers drop down🡪 Select **‘\_LiftWell’** layer.
* Draw lift well on innerside in closed polyline on **‘\_LiftWell’** layer.
* For marking of ‘**\_LiftWell’** layer:

Go to PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Lift’ 🡪 Select ‘Lift Default’.

Options available to mark the lift:

Lift🡪Lift Default.

Lift🡪Car lift

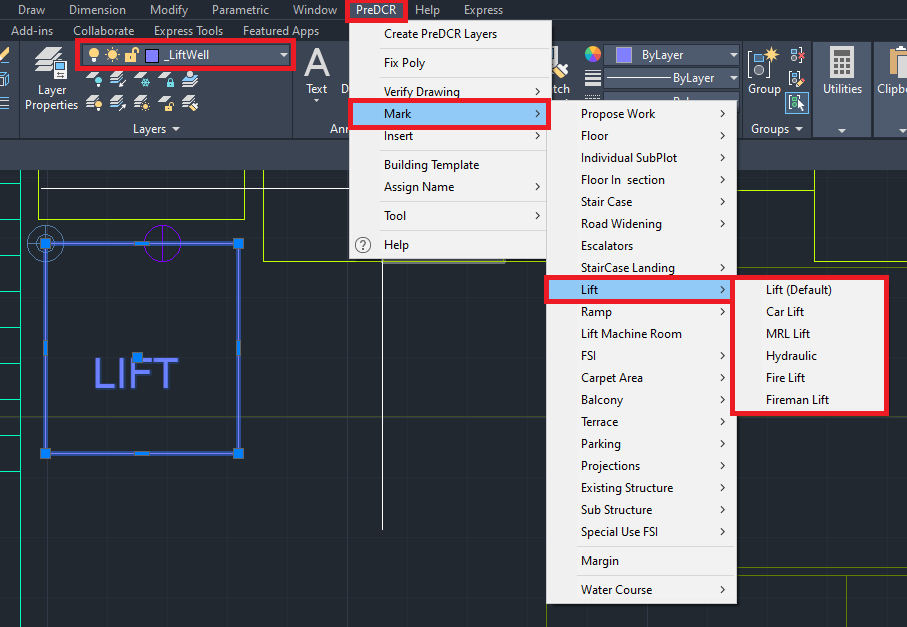
Lift🡪MRL

Lift🡪Hydraulic lift

Lift🡪Fire lift

Lift🡪Fireman lift

Select marking options as per requirement.



**4.3.5. How to draw the ‘\_Staircase’ layer?**

* Go to layers drop down🡪 Select **‘\_Staircase’** layer.
* Draw staircase block on the inner side in closed polyline on **‘\_Staircase’** layer.
* **‘\_Staircase’** poly should contain Intermediate Landing, Floor Landing & Each Tread as an open polyline.
* For marking of ‘**\_Staircase’** layer:

Go to the PreDCR menu 🡪 Select ‘Mark’🡪 Select Staircase🡪Staircase (Default

Options available to mark the Staircase:

Staircase🡪No of flight🡪 3 Flight OR 4 Flight

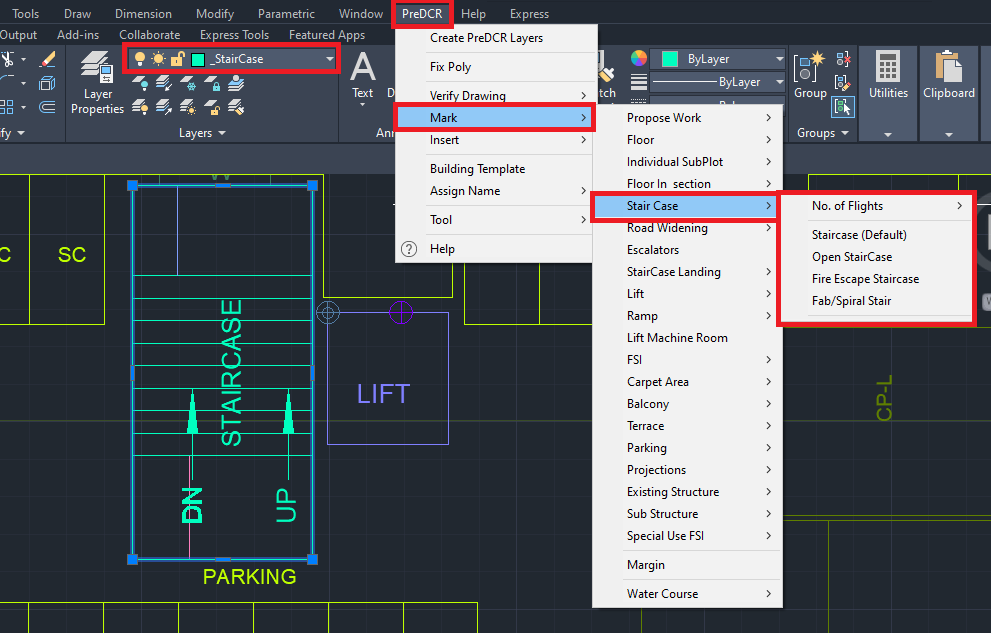
Staircase🡪Staircase (Default)

Staircase🡪Open Staircase

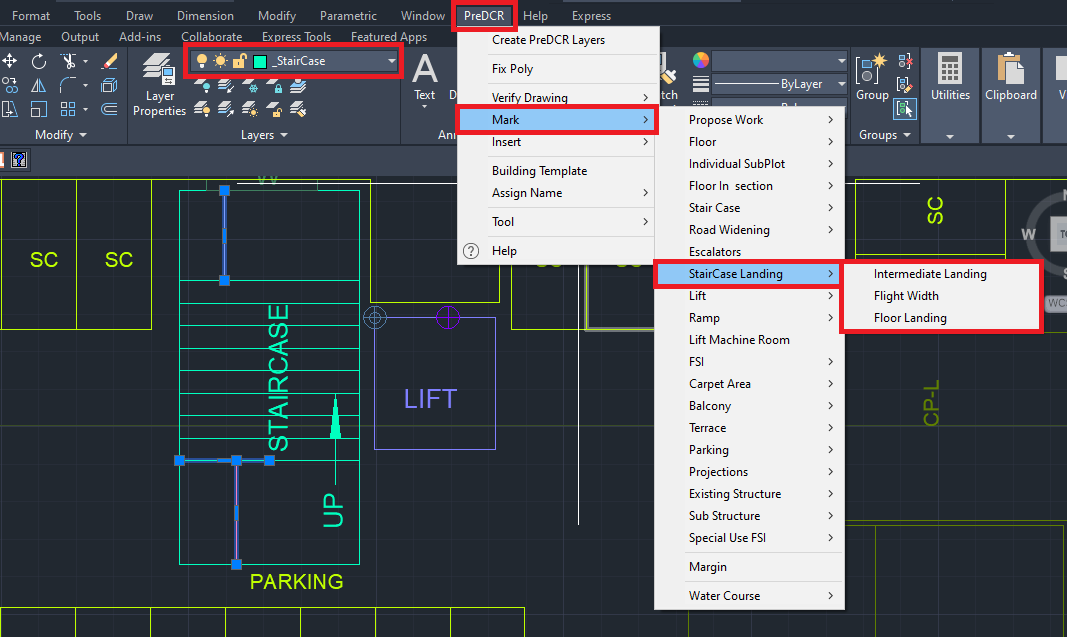
Staircase🡪Fire escape staircase

Staircase🡪Fab/Spiral stair

Select marking options as per requirement.

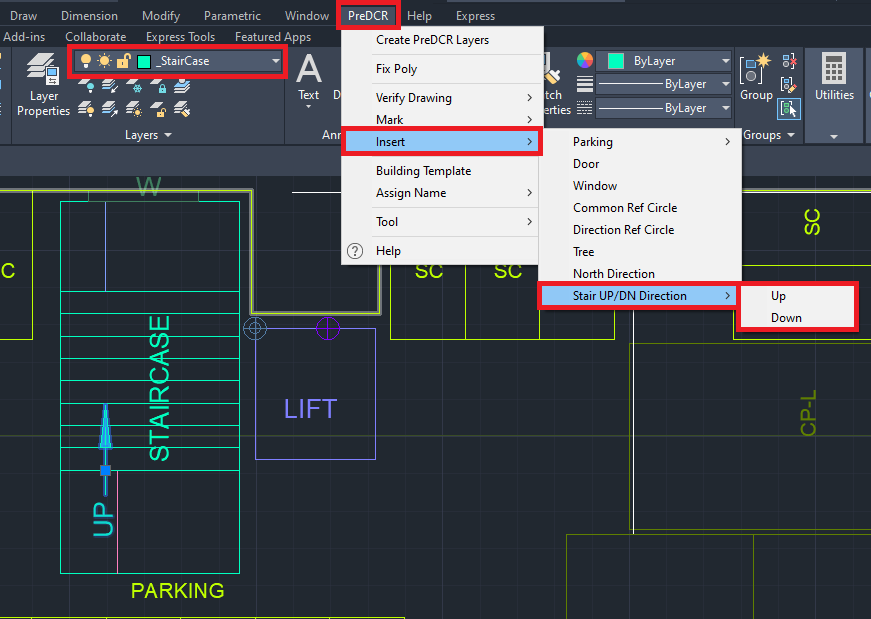


* For marking of staircase intermediate landing, flight width, and floor landing:
* Go to PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Staircase Landing’🡪 Select ‘Intermediate landing’.
* Go to PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Staircase Landing’🡪 Select ‘Flight Width’.
* Go to PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Staircase Landing’🡪 Select ‘Floor Landing’.



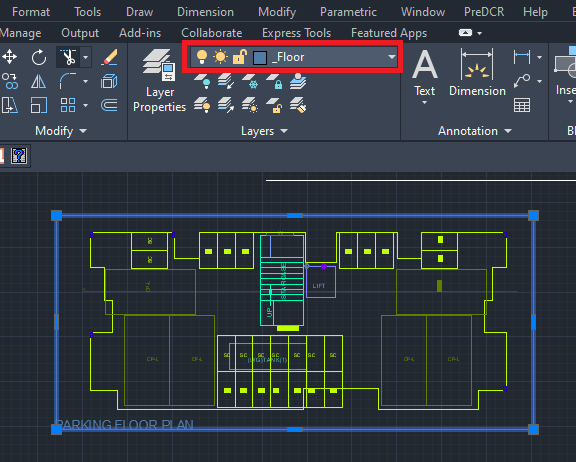
* To insert stair Up/DN direction:

Go to PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Stair Up/DN’🡪 Select ‘UP/DN’.

****

**4.3.6. How to draw a parking floor plan on the ‘\_Floor’ layer?**

* Go to layers drop down🡪 Select **‘\_Floor’** layer.
* Draw a parking floor plan outline in a closed polyline on the ‘**\_Floor’** layer.
* **‘\_Floor’** layer poly should be drawn around the converted parking floor plan.

****

NOTE:

‘Common Reference Circle’ and ‘Direction Reference Circle’ should be inserted in PWORK on the ‘\_FSI’ layer and ‘\_Floor’ layer respectively in the same location as other floor plans.

Please refer 4.1.5 and 4.1.5 sections.

* 1. **Let’s start the First Floor/Upper Floor Plan Conversion.**

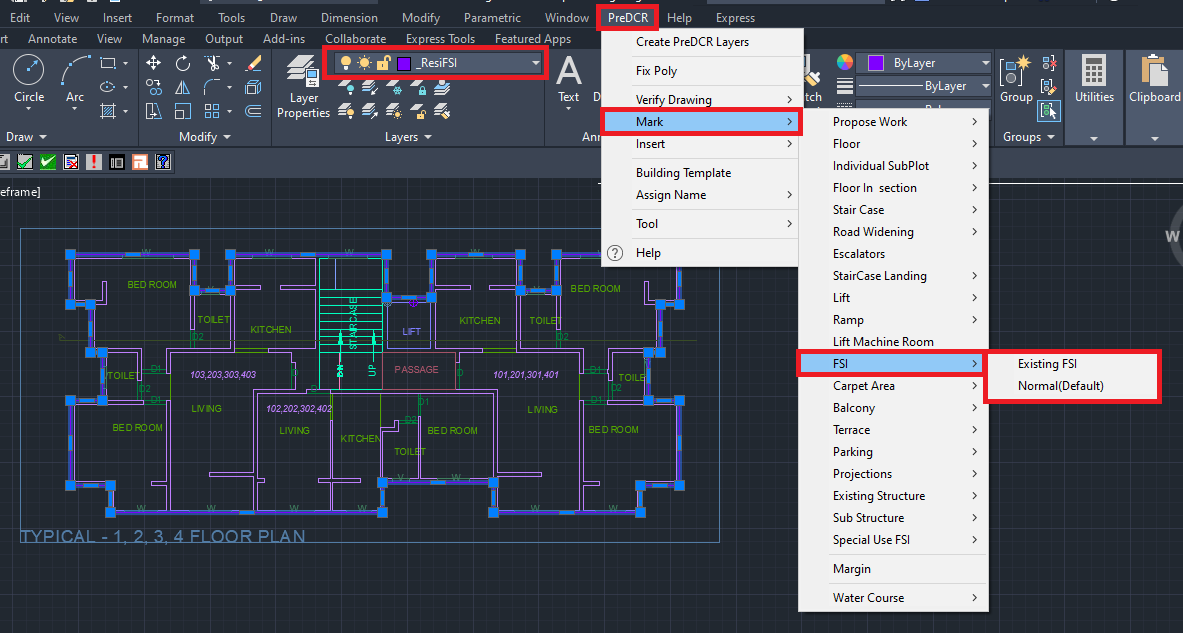
**4.4.1. How to draw a Residential habitable floor plan on the ‘\_ResiFSI’ layer?**

* Go to layers drop down🡪 Select **‘\_ResiFSI’** layer.
* Draw a habitable floor plan outline in a closed polyline on the ‘**\_ResiFSI’** layer.
* For marking of **‘\_ResiFSI’ layer:**

Go to the PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘FSI’ 🡪 Select ‘Normal (Default)’.

For the existing floor in case of addition/alteration case

Go to the PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘FSI’ 🡪 Select ‘Existing FSI’.



NOTE:

‘Common Reference Circle’ and ‘Direction Reference Circle’ should be inserted in PWORK on the ‘\_FSI’ layer and ‘\_Floor’ layer respectively in the same location as of other floor plans.

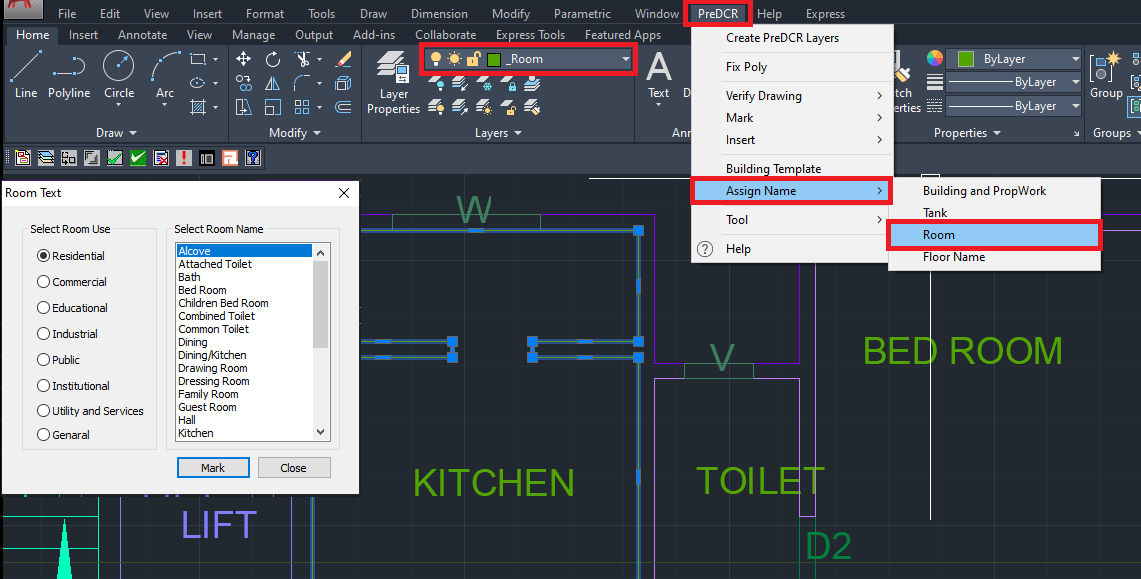
Please refer 4.1.5 and 4.1.5 sections.

**4.4.2. How to draw the ‘\_Room’ layer?**

* Go to layers drop down🡪 Select **‘\_Room’** layer.
* Draw every room in closed polyline on the ‘**\_Room’** layer.
* To assign ‘Room’ name **‘\_Room’** layer:

Go to the PreDCR menu 🡪Select ‘Assign Name’🡪 Select ‘Room’ use name 🡪 From the list of room names 🡪 For ex: Select ‘Bed Room’/’Toilet.

As per the proposed plan.



**4.4.3. How to draw the ‘\_CarpetArea’ layer?**

* Go to layers drop down🡪 Select **‘\_CarpetArea’** layer.
* Draw carpet outline in closed polyline on the ‘**\_CarpetArea’** layer.
* **‘\_CarpetArea’** layer represents the carpet area of the tenement/dwelling unit area.
* For marking the‘**\_CarpetArea’** layer:

Go to the PreDCR menu 🡪Select ‘Mark’🡪 Select ‘Carpet Area’ 🡪 Select ‘Normal (Default)’.

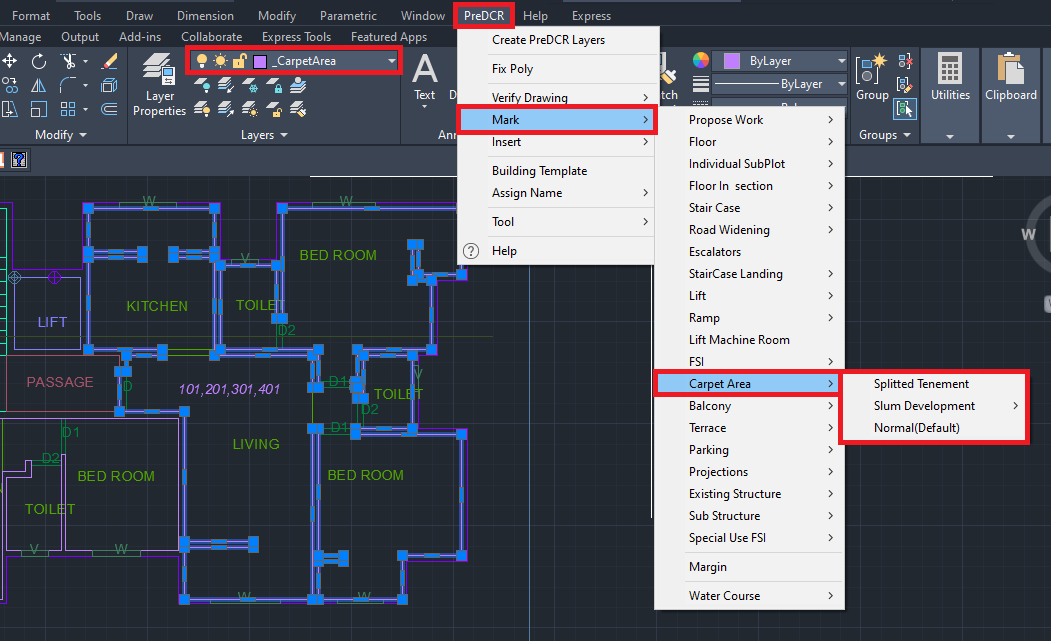
To give tenement numbers OR name (Ex.101,201,301…) edit carpet text.

Options available to mark the Carpet Area:

Go to menu bar PreDCR🡪 Mark🡪Carpet Area 🡪Splited Tenement

Go to menu bar PreDCR🡪 Mark🡪Carpet Area 🡪Slum development🡪 Rehab OR Sale

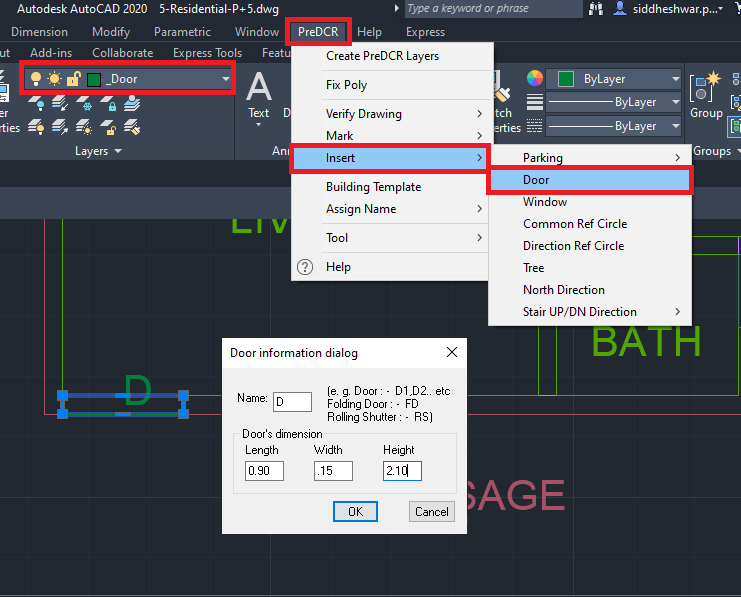
Go to menu bar PreDCR🡪 Mark🡪Carpet Area 🡪Normal (Default).



**4.4.4. How to insert the door on the ‘\_Door’ layer?**

* Go to layers drop down🡪 Select **‘\_Door’** layer.
* To insert doors on the **‘\_Door’** layer:

Go to the PreDCR menu 🡪Select ‘Insert’ 🡪Door.



* In the ‘Door Information Dialog’ box fill up the information:

For ex: ‘Width’=0.90m, ‘Depth’=0.15m, ‘Height’ =2.10m and ‘Name’ = D as shown.

Insert the door as per the requirement

Similarly, insert ‘Rolling Shutter’ and fill up information in the dialog box as per the proposal:

For ex: ‘Width’=2.70m, ‘Depth’=0.15m, ‘Height’ =2.10m and ‘Name’ = R/S.

For rolling shutter in ‘Name’ = ‘R/S’ is fill up instead of ‘D’.

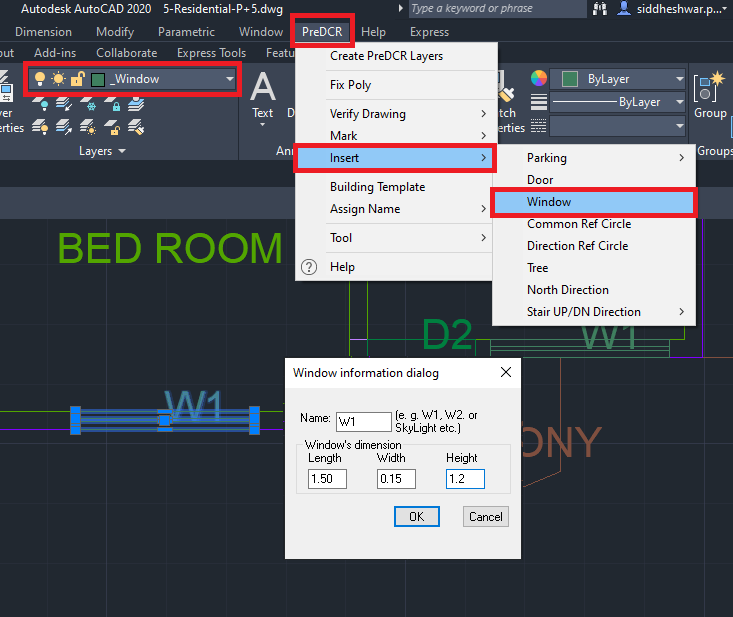
**4.4.5. How to insert a window on the ‘\_Window’ layer?**

* Go to layers drop down🡪 Select **‘\_Window’** layer.
* To insert doors on the **‘\_Window’** layer:

Go to the PreDCR menu 🡪Select ‘Insert’ 🡪Select **‘**Window’.

Fill up window information in a dialog box:

For ex: ‘Width’ = 1.50m, ‘Depth’=0.15m, ‘Height’=1.20m and ‘Name’ =W1.



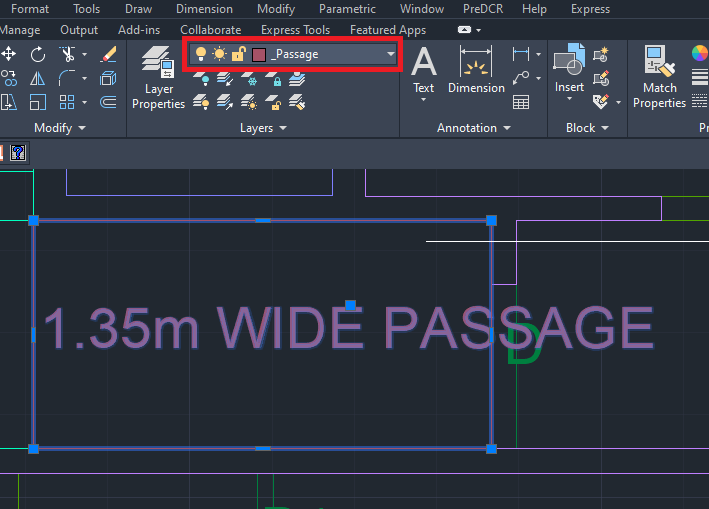
Similarly, insert ‘Ventilator’ and fill up the information as per requirement.

For ex: ‘Width’ = 0.6 m, ‘Depth’=0.23m, ‘Height’=1.2 m and ‘Name’ = V as shown.

For ventilator in ‘Name’ = ‘V’ is fill up instead of ‘W’.

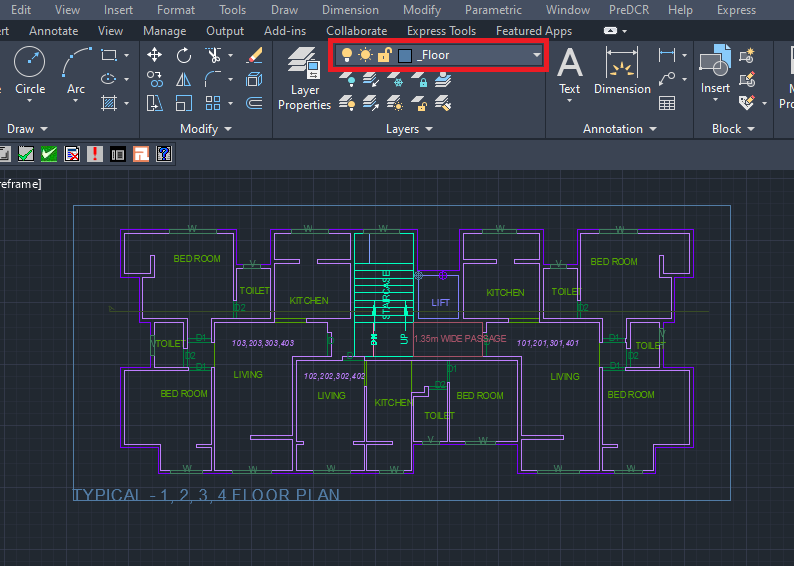
**4.4.6. How to draw the ‘\_Passage’ layer?**

* Go to layers drop down🡪 Select **‘\_Passage’** layer.
* Draw a passage outline in closed polyline on the ‘**\_Passage’** layer.
* Give the MText as ‘Passsge’ OR ’1.35m Wide Passage’.



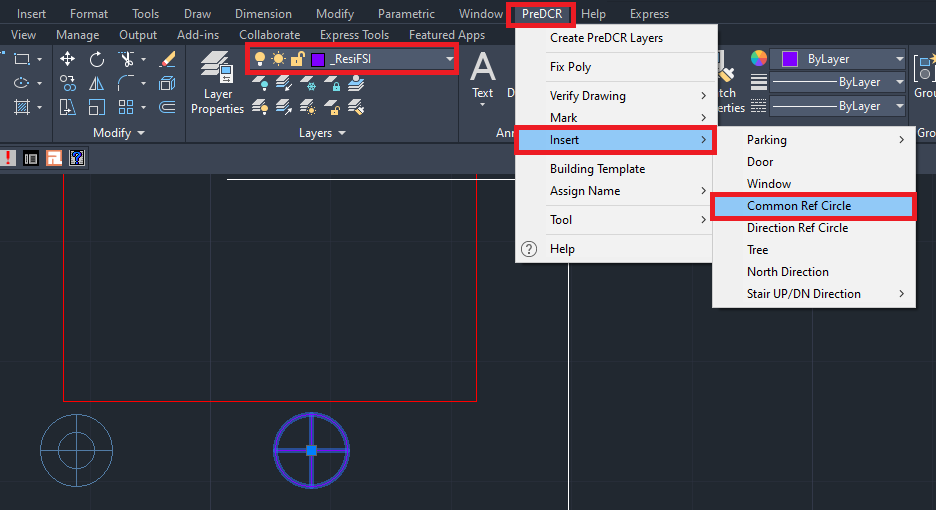
**4.4.8. How to draw a converted floor on the ‘\_Floor’ layer?**

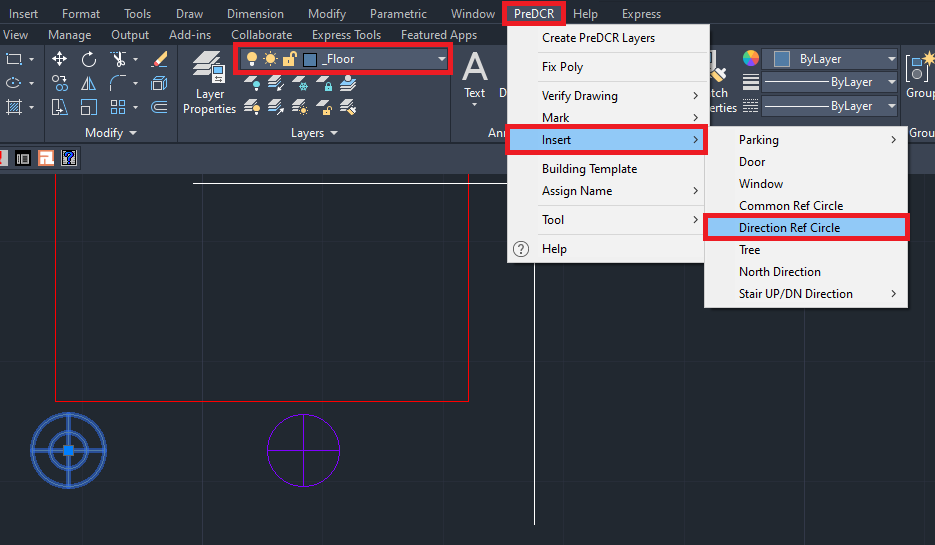
* Go to layers drop down🡪 Select **‘\_Floor’** layer.
* Draw floor plan outline in closed polyline on the ‘**\_Floor’** layer.
* **‘\_Floor’** layer poly should be drawn outside/all around the converted floor plan.



NOTE:

‘Common Reference Circle’ and ‘Direction Reference Circle’ should be inserted in all the floor plans the on ‘\_FSI’ layer and ‘\_Floor’ layer respectively in the same location as of other floor plans. Please refer 4.1.5 and 4.1.5 sections.

****

****

NOTE:

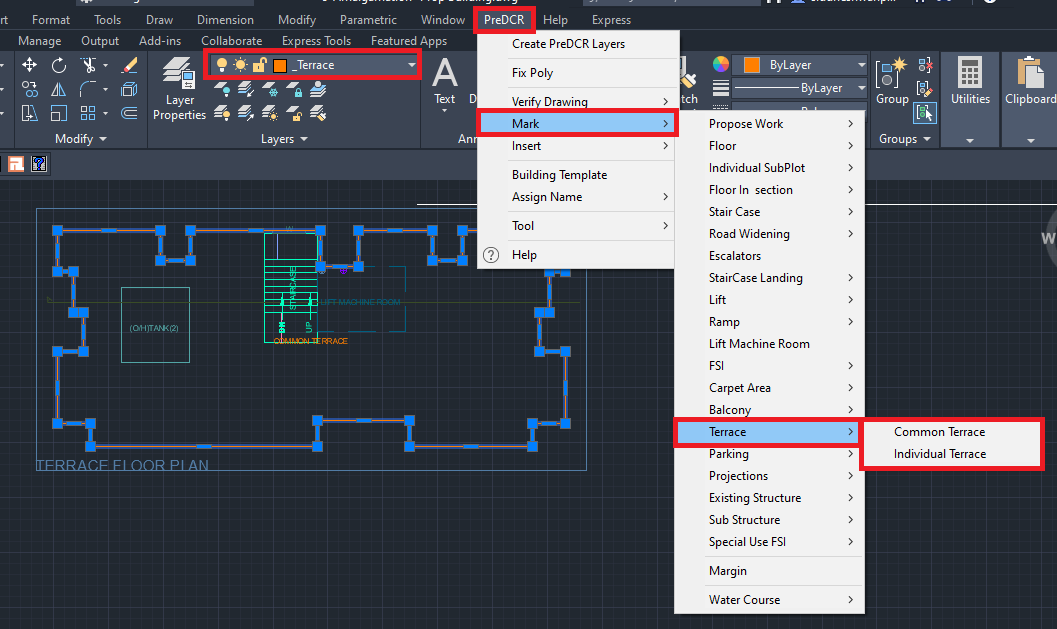
Complete the floor plan by converting the staircase block, and lift well as explained in the 4.2.4 and 4.2.5 sections. Similarly, convert the remaining habitable floor plans.

**4.4.9. How to draw a terrace floor on the ‘\_Terrace’ layer**

* Go to layers drop down🡪 Select **‘\_Terrace’** layer.
* Draw terrace floor plan outline in closed polyline on the **‘\_Terrace’** layer.
* For marking of **‘\_Terrace’** layer:

Go to the PreDCR menu 🡪 Select ‘Mark’ 🡪 Select ‘Terrace’🡪Common Terrace/ Individual

Terrace.

****

**4.4.10. How to draw Over Head Water Tank (OHWT) on the terrace floor on the ‘\_Tank’ layer?**

* Go to layers drop down🡪 Select **‘\_Tank’** layer.
* Draw OHWT on the terrace floor plan in closed polyline on the **‘\_Tank’** layer.
* To Assign Name to **‘\_Tank’** layer:

Go to the PreDCR menu 🡪 Select ‘Assign Name’ 🡪 Select ‘Tank’

Fill up the Tank name information dialog box:

For ex: ‘Tank position’= Overhead, ‘Tank name/no’=OHWT-1

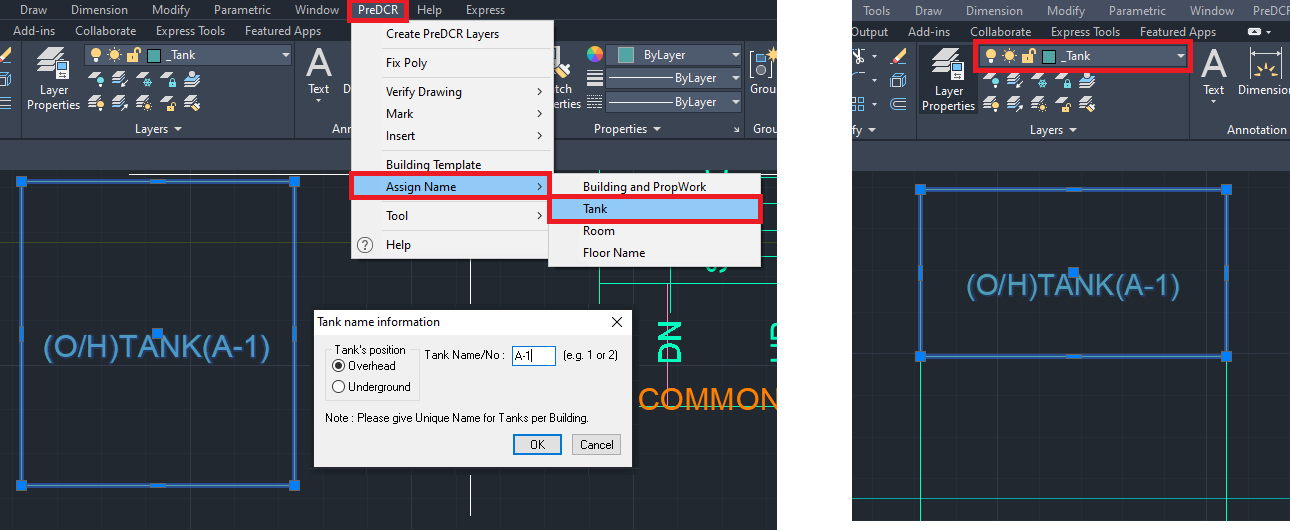
Similarly, assign a name for ‘Unground Tank Water Tank ‘:

Go to the PreDCR menu 🡪 Select ‘Assign Name’ 🡪 Select ‘Tank’

Fill up the Tank name information dialog box:

For ex: ‘Tank position’= Underground, ‘Tank name/no’=UGWT-1

OHWT-A-1 in Terrace Floor Plan OHWT-A-1 in Section

****

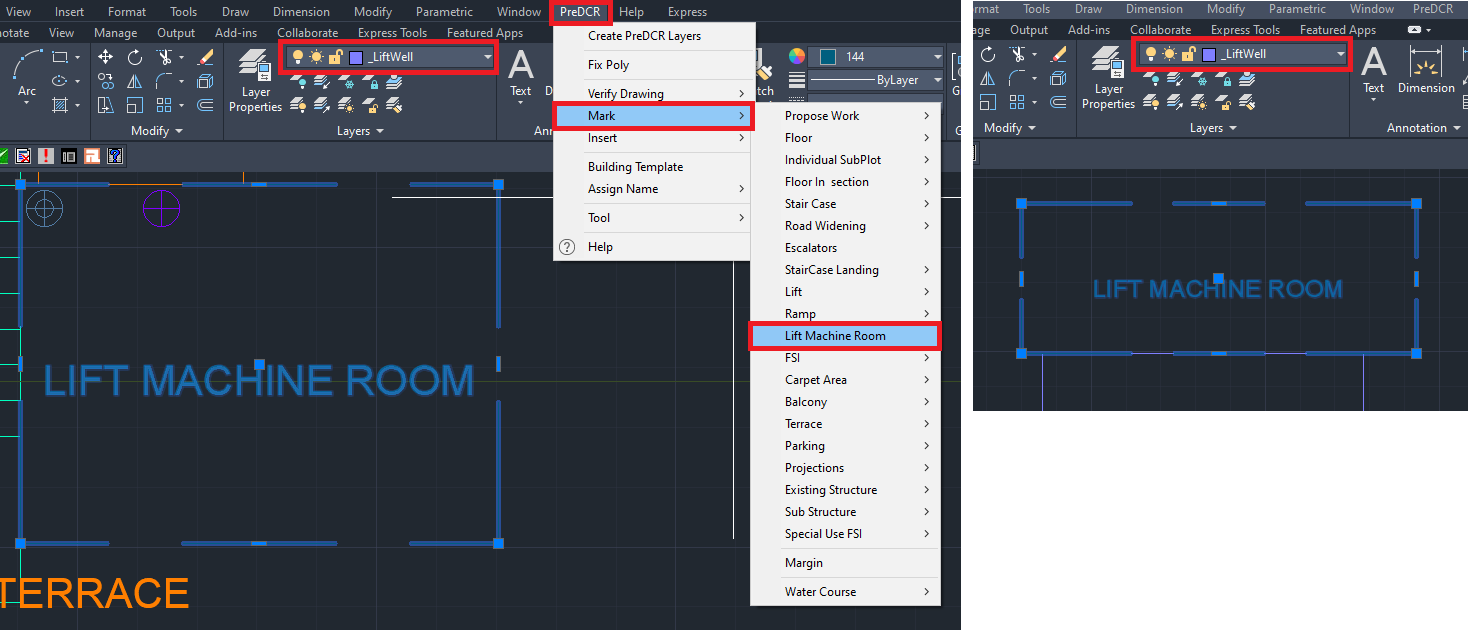
Note: After adding tank information in the dialog box, to assign a name select both **‘\_Tank’** polyline drafted in the ‘Floor Plan’ and in ‘Floor Section’ for assigning.

**4.4.11. How to draw the lift machine room ‘\_LiftWell’ layer?**

* Go to layers drop down🡪 Select **‘\_LiftWell’** layer.
* Draw lift machine room in closed polyline on **‘\_LiftWell’** layer.
* For marking of ‘**\_LiftWell’** layer:

Go to the PreDCR menu 🡪 Select ‘Mark’🡪 Select ‘Lift Machine Room’ 🡪Select both lifts well poly drafted in ‘Floor Section’ and ‘Terrace Floor Plan’.

Lift machine room on Terrace Lift machine room in Section

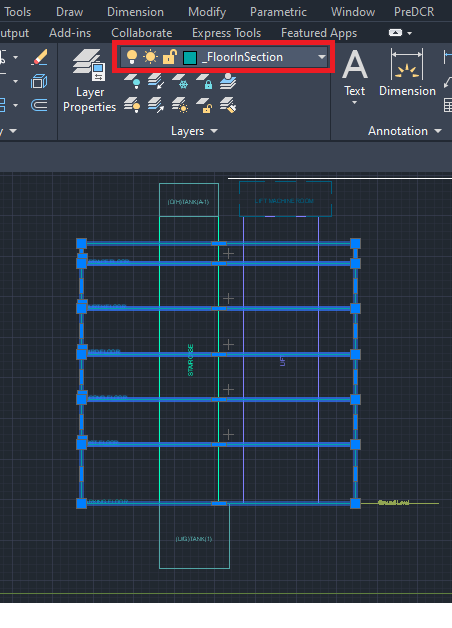


NOTE: Complete the floor plan by converting the staircase block.  
Please refer 4.2.4 section for staircase block conversion.

* 1. **Let’s start the Floor Section Conversion.**

**4.5.1. How to draw the floor section on the ‘\_FloorInSection’ layer?**

* Go to layers drop down🡪 Select **‘\_FloorInSection’** layer.
* Draw each and every floor in closed polyline on the **‘\_FloorInSection’** layer separately.



**4.5.2. How to link floor section and floor plans?**

* To link the typical floor plan with the floor in section poly.

Go to PreDCR Menu🡪 Select ‘Assign Name’ 🡪 Select Floor Name/Nos.

Select ‘Yes’ and follow the process as follows:

Fill in the information in the ‘Auto Assign floor name’ dialog’ box:

Select the check box of ‘Typical’

Select floor no.

Select separator

Select other floor no.

Select ‘OK’

Select floor poly in section (First and Second floor) and corresponding floor plan.

* To assign terrace floor name, select ‘Yes’ and follow the process as follows:

Fill in the information in the ‘Auto Assign floor name’ dialog’ box:

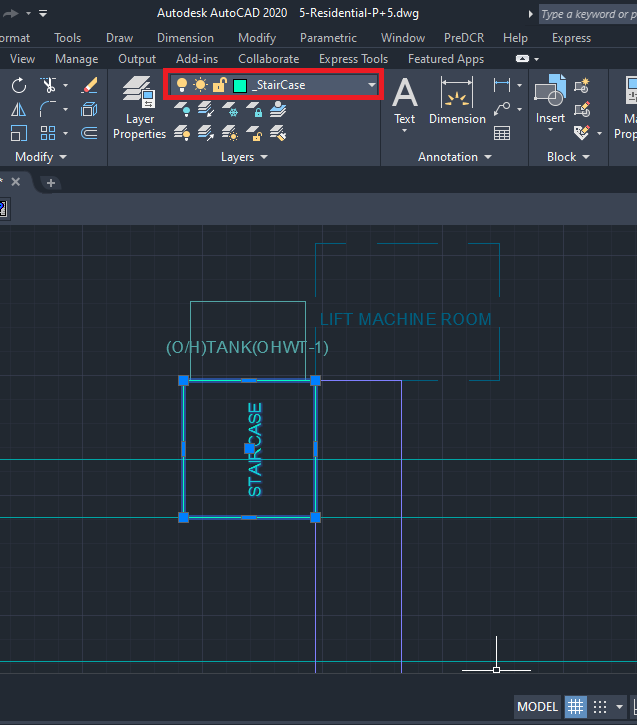
‘Select floor name’ from a drop-down (for ex: Terrace floor)

Select ‘OK’, then select the corresponding floor poly and floor in section poly in the drawing Ground floor is selected in plan and section.

The floor Plan will be automatically linked with the Section Floor by matching the Floor Name.

**4.5.3. How to draw staircase headroom in the ‘\_Staircase’ layer?**

* Go to layers drop down🡪 Select **‘\_Staircase’** layer.
* Draw staircase headroom in closed polyline on the **‘\_Staircase’** layer.
* Give the MText as ‘Staircase OR Staircase Head Room’.

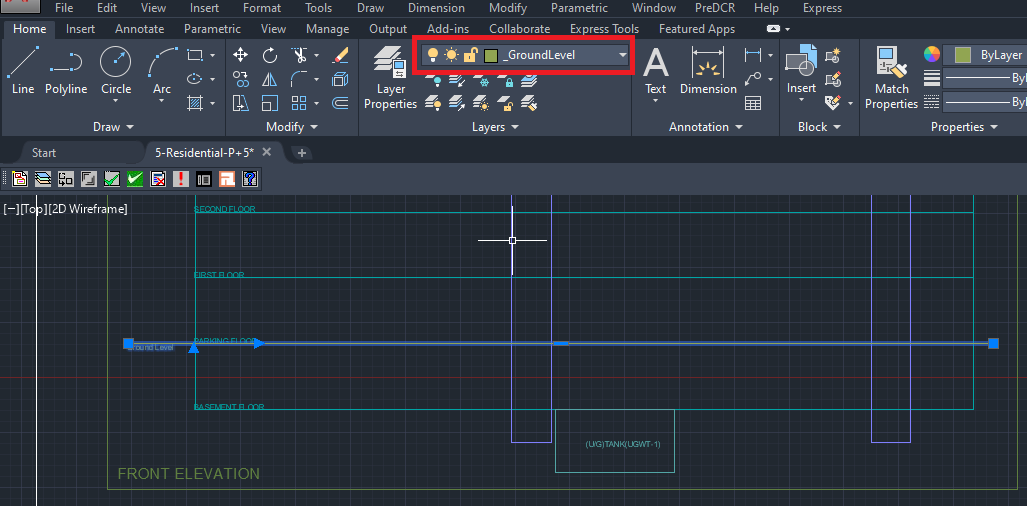


Refer to 4.4.11section to draw lift machine room in closed polyline on ‘\_LiftWell’ layer.

Refer to 4.4.10 section to draw Tank in closed polyline on ‘\_Tank’ layer.

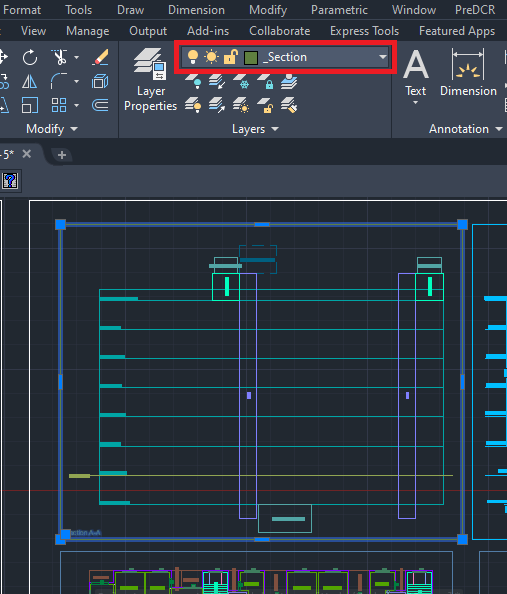
**4.5.4. How to draw ground level in the ‘\_GroundLevel’ layer in Floor Section?**

* Go to layers drop down🡪 Select **‘\_GroundLevel’** layer.
* Draw the Ground level line as per polyline on **‘\_GroundLevel’** layer.
* Give ‘MText’ as ‘Ground Level ‘.



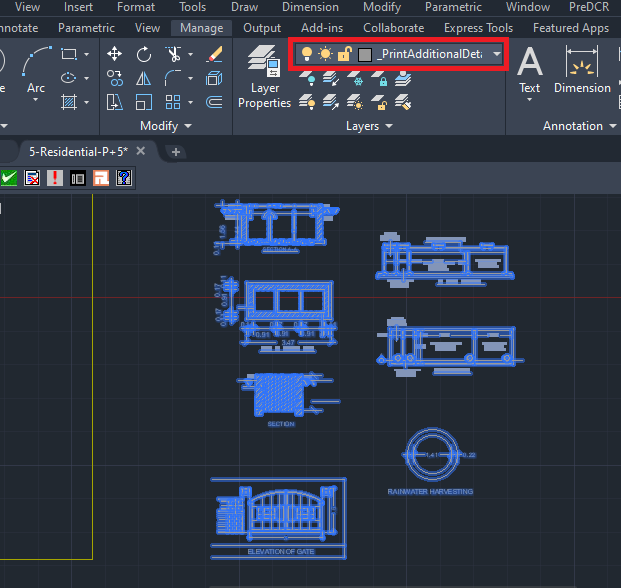
**4.5.5. How to draw section details ‘\_Section’ layer ?**

* Go to layers drop down🡪 Select ‘\_Section’ layer.
* Draw ‘\_Section’ layer poly to group all floor in section, lift machine room, staircase head room and tank details.
* Give ‘MText’ as ‘Section‘.

****

**4.5.6. How to draw print additional details items in the ‘\_PrintadditionalItem’ layer?**

* Go to layers drop down🡪 Select **‘\_PrintadditionalItem’** layer.
* Draw all architectural details (like Septic tank details, RWH Details, Compound Wall Details) on ‘\_PrintAddtionalDetail’ layer.



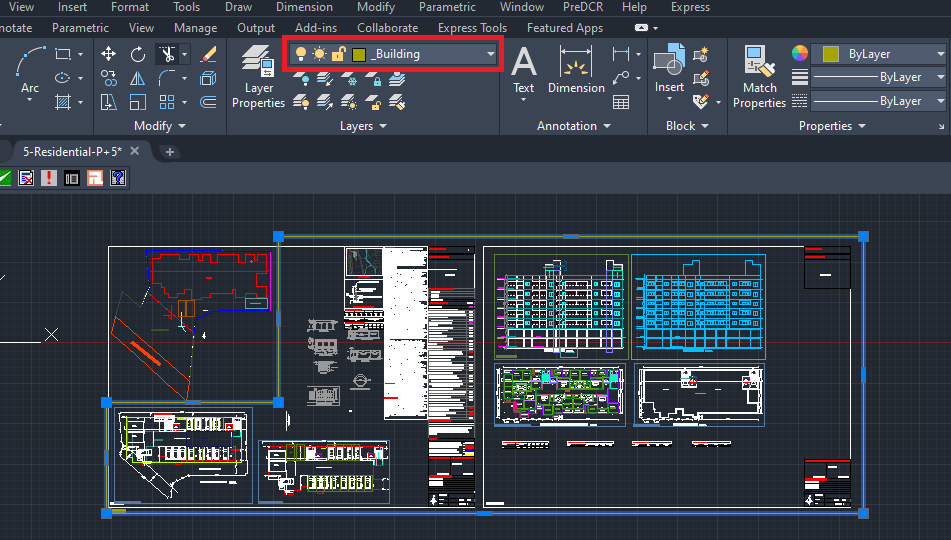
**4.5.7. How to draw elevation on the ‘\_Elevation’ layer?**

* Go to layers drop down🡪 Select **‘\_Elevation’** layer.
* Draw every side elevation on **‘\_Elevation’** layer OR you can can change elevation layer architecural layer to PreDCR **‘\_Elevation’** layer.

****

**4.5.8. How to draw floor plans, section, elevation, and print additional details inside the ‘\_Building’ layer?**

* Go to layers drop down🡪 Select **‘\_Building’** layer.
* Draw **‘\_Building’** layer poly to group all floor plans, section, elevation and print additional details of the same Building.



**4.5.9. How to link the building plan to PWork ?**

* To link building plan to Pwork.

Go to PreDCR menu-🡪Select ‘Assign name’🡪 Building and Prop work.

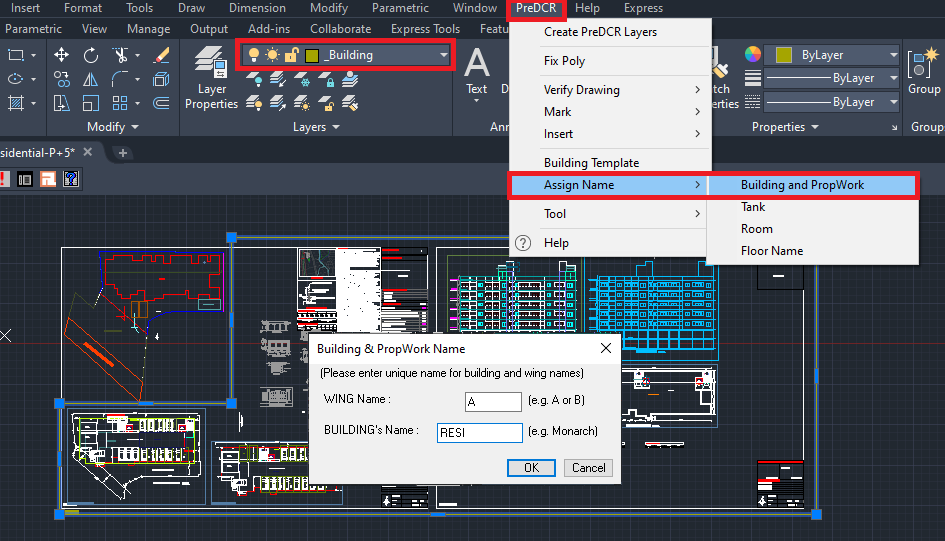
Select ‘Building poly’ in the drawing.

Fill up the ‘Building and Propwork Name’ dialog box:

Fill up ‘Wing Name’ and ‘Building Name’

Select Propwork in the drawing.

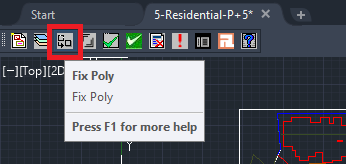
It will link the building plan to Pwork .



After completing the conversion proceed to the next tab of the PreDCr toolbar:

1. **How to Fix Poly?**

This command is used once the complete drawing conversion is done. This tab will check all the polylines on the PreDCR layer and remove extra vertices found on polyline or duplicate entity. This command should be used (before verifying the drawing) every time you add any new entity in the drawing.



1. **How to Mark Margin?**

* To Mark Margin:

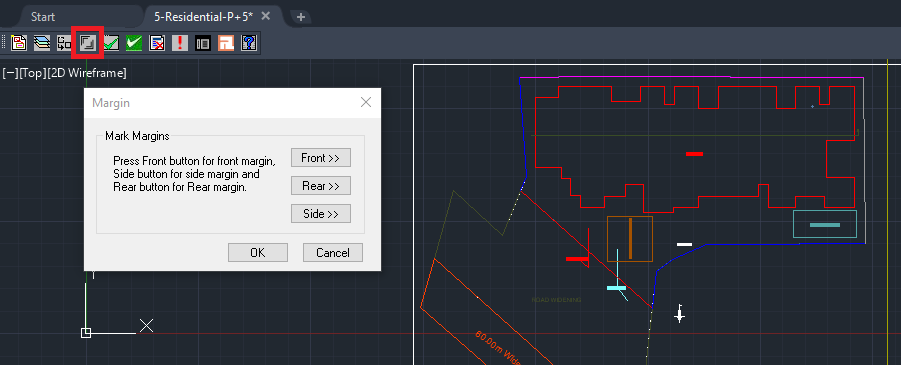
Click on the ‘Mark Margin’ tab to open a dialog for mark margin.

In the dialog box:

Select ‘Front’🡪Select from margin on site plan

Select ‘Side’🡪Select both side margin on site plan

Select ‘Rear’🡪Select rear side margin on site plan



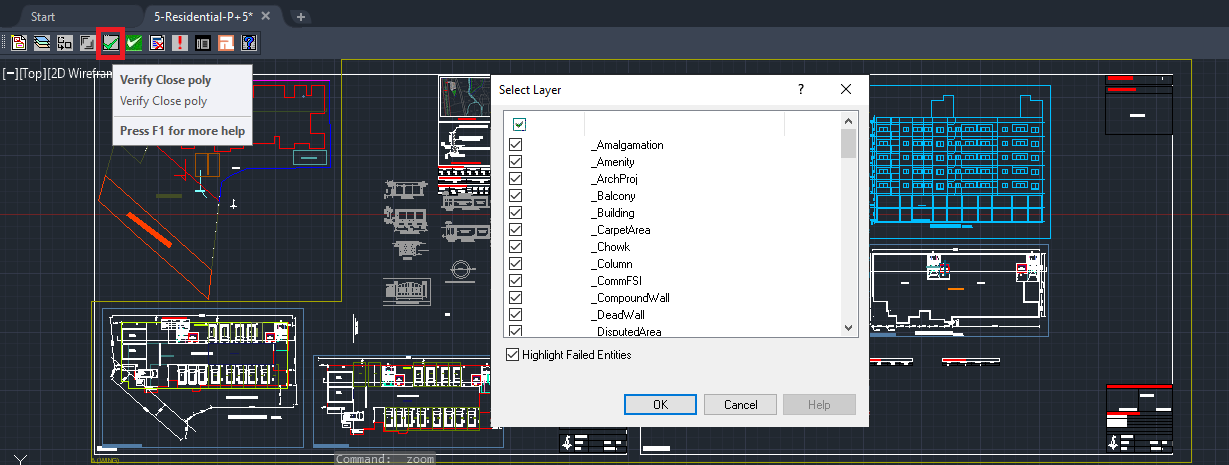
After clicking the mark margin system automatically creates the net plot and changes the marked margin layer colors.

1. **How to Verify close Poly?**

This command will verify the current drawing as required by AutoDCR. It will verify that

LWPOLYLINE entities on the selected layers are closed and contain one text.

Shows ‘Select layer box’ select ‘Ok’.



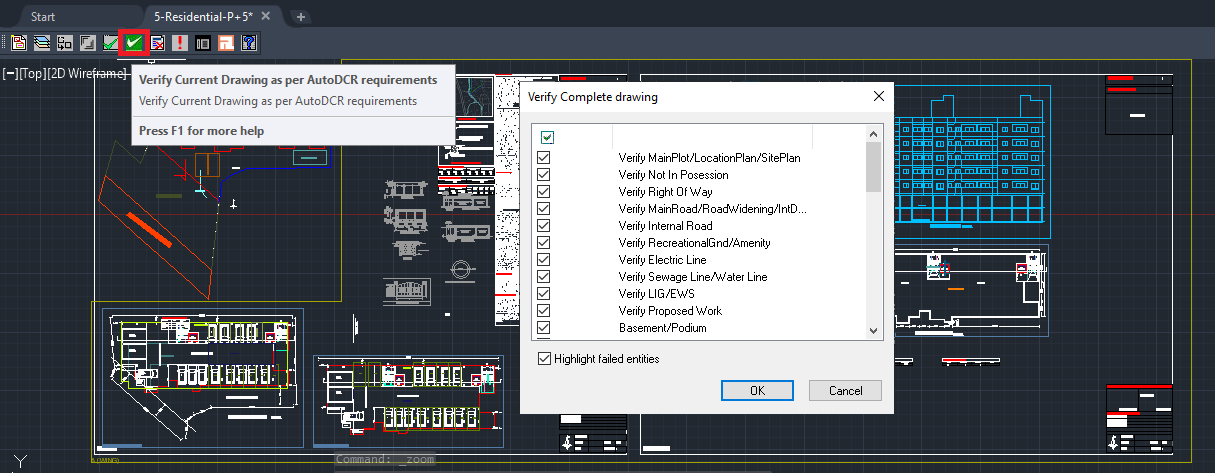
1. **How to Verify the Current Drawing?**

This command is used to verify the layout and building-level objects in the current drawing plan.

* Check if these entities are drawn as closed LWPOLYLINE.
* Name text is given to all objects.
* Entities are placed exactly inside their parent objects (container).
* Naming conventions are followed properly.

In the "Verify All Drawing Dialog" you can select the layout or building objects to be checked. To view the result, press the OK button.

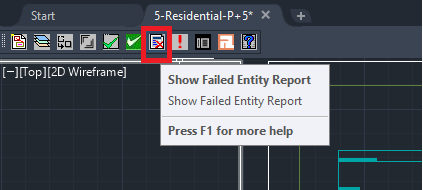
Select ‘OK’ in Entity not found list dialog box.



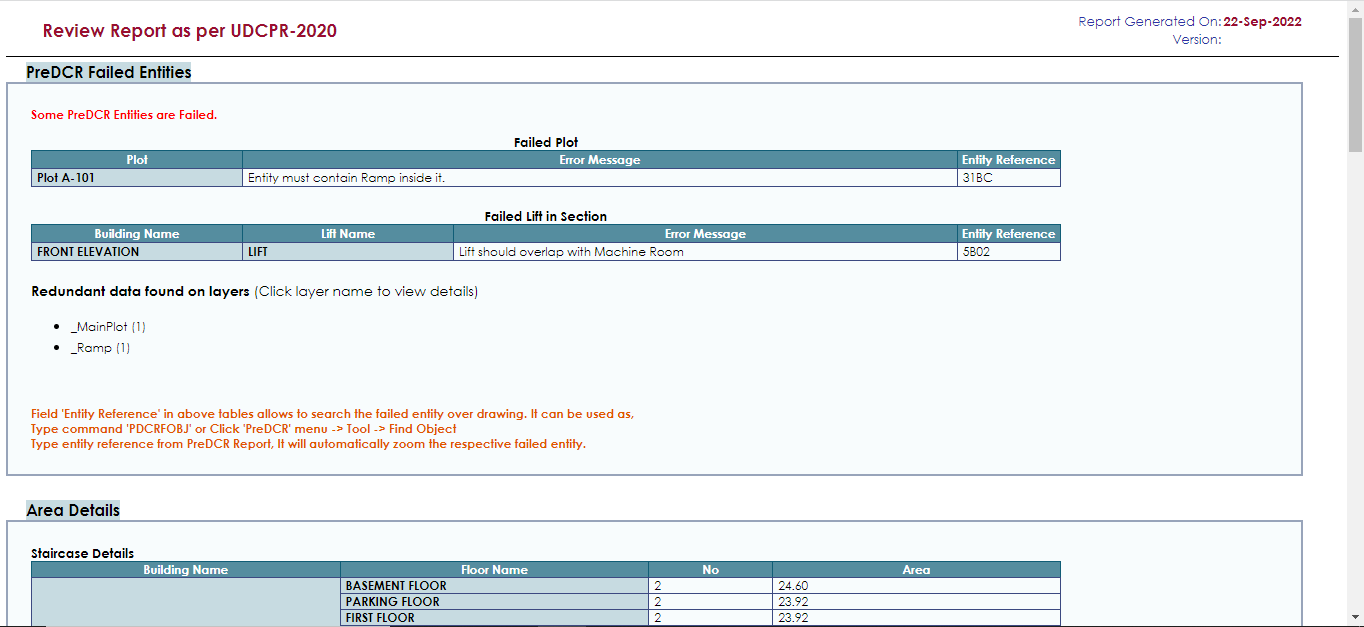
PreDCR will start checking all corresponding objects in the currently open drawing and then display the status as OK or list of failed objects with the reason of failing in the dialog as shown.

1. **How to view the ‘PreDCR Report’?**

* Click on Show failed entity report.

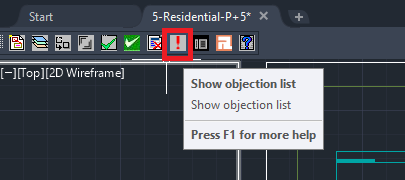


This command will generate the PreDCR report and having area details of the drawn entities in the drawing. All the verified and failing entities having Information will be shown in this Report.



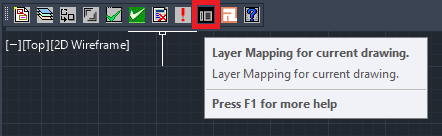
1. **How to use the ‘Show Objection List’ tab?**

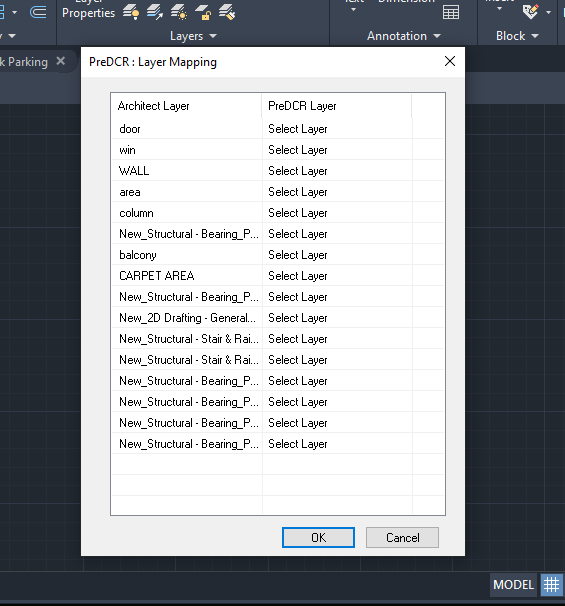
This command gives the list of all minimum required entities which are not there in your drawing. If all required entities found then it gives a message that minimum required entities are present in drawing.



1. **How to map architectural layers with PreDCR MH layers?**

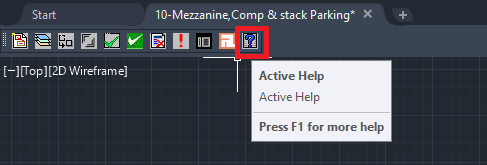
* Click on ‘Layer mapping for current drawing’ tab
* This is to map the architectural layers with PreDCR layers.





1. **How to view active help?**

* Click on ‘Active Help’ tab for quick help regarding PreDCR layers.





This the last page of the document.

Thank You.