the set of building plans that will be issued to the end user with certification upon successful completion of the application process.

- The architect can fill out the application and upload the required documents once they have the building plan/ layout scrutiny reference number.
- Upon submission, the applicant should be able to validate and self-certify the application. After the applicant validates the application, the system should schedule the Document Verification visit date. This date could be rescheduled by both the parties once. The checklist for the document verification will be filled up by the officials attending the meeting. In the system the checklist should be configurable.
- The Solution to handle the plan/ layout scrutiny should be online in real time mode. Additionally, if an application is rejected, then the applicant should be able to re-start the application process on the portal with the same application ID and be able to make necessary edits/changes

The system should provide for planning permission as:

- **Auto-Dimensioning with Block Diagram:** Should generate Block diagram for each Floor and provide dimensions with Area Calculations for each feature e.g., terraces, Balcony, lobby etc.
- **Auto-Generation of FAR & Built-up area Table:** Should automatically insert FAR & Built-up Area Tables with per floor detail for each Building and in the same way insert FAR & Built-up Area Table for whole Project including Carpet area.
- **Auto-Generation Plot area Table:** Should automatically detect the type of layout proposal e.g., New, alteration and modification, additions amalgamation or subdivision, etc. and creates standard area table as per the case including Gross area.
- **Auto-Generation of Area-Statement:** Should automatically insert Area Statement with all Proposed & Permissible Value in pre described Format
- **Auto-Generation of Schedule of Open spaces/green & Parking Table:** Should automatically insert Schedule of Open spaces/green for each Building & Layout plans. Same way inserts proposed Parking for whole Project
- **Auto-Hatching to Particular Object:** Should provide hatching to Particular Objects as described in BBL and by DAs, SADAs and UPAVP e.g., Grey colored Hatch in Main Road, Green colored Hatch in Open Space, etc.

- **Auto-Linking:** Should auto link objects like each Building with corresponding Proposed Work (Max. coverage Area) drawn in Layout Plan, each Floor Plans with its section, Tank with its Section, Ramp with its Section, Stair, V shaft etc.
- **Section reading & Association:** Should be able to read section, associates each floor plan with floor section & gives Ht. of Bldg. & each floor by auto dimensioning.
- **Margin Generation:** Should generate required Margin from Plot Boundary, Open Space etc. itself. Even It shows Proposed Failed Margin with Auto Dimensioning.
- **Verification with Actual Coverage Area:** Should verify Built up Area (Max. Coverage area) Proposed by auto punching of each Floor plan automatically.
- **Checking & Verification of Height:** Should be able to checks Height of each Terrace.

8.6. **NOC Module (post-submission of Map)**

- The system shall have features for online single window system, and integrations with all internal and external agencies required to provide applicable NOCs/approvals (Fire Services, Water and Sewerage Department, Discoms, AAI, NMA, Forest, Labour, Factory Directorate, Distance from the ASI Monument, Plot in Security Zone etc., complete list is provided in the annexure).
- Any comments made by the concerned departments shall be communicated to the applicant (all of this should be visible on a single dashboard). The applicant should be able to incorporate changes required by editing the DXF file already submitted earlier.
- The system should entail security on user authentication with role based access.
- All approvals should be electronically signed (e-sign).
- The application should capture all relevant details for all internal and external agencies; relevant data needs to be forwarded to corresponding agencies for issuing NOCs.
- SLA on NOC is also validated by the System.