

# **Optimum design for low-income housing with satisfaction improvement approach (for 800 unit in Talesh**

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**One of the most important necessary thing in societies is housing and regarding to increasing the population and request for home, designing residential complex with residence satisfaction is outstanding. In this study after describing key words such as;housing, satisfaction, life quality and depending materials, we evaluate the completed articles about complex and reasons of dissatisfaction of residence are taken out. Also we pay attention to how we can increase residences satisfaction in Mehr housing by architectural design. This research focuses on Mehr housing in 800 flats in Talesh, Guilan province. After analyzing the ex-studies we figure out their variables that including; security, belonging, peace, comfort and gladness. Content table shows that these 5 items as independent variable effect on the quality of life by their own specific index and life quality as mediation variable effects on residence satisfaction. Based on these variations, we asked question of Mehr housing applicants in this city. Sample society as Kokaran table with 330 people is ed and answers evaluated by SPSS software. Hypothesis of study were proved by T tak test. After proving hypothesis, we studied for discovering architectural solution for suitable designing in Talesh Mehr complex housing. Successful and unsuccessful similar cases were studied and results presented on a separated table for each sample with its variable. Geographical platform, climate, people and form conditions are considered and earned solution of the effect of conditions on architectural design, showed in another table. After analyzing site and categorizing designing ways, the process of forming project in seven steps with first plan is showed. In general we can say the result conveys that; separation of site to smaller neighborhood, creation of neighborhood unit, definition of special garden for each block, separation sidewalk of street, make beautiful view, have appropriate distance between blocks and privacy,**

**making the center for each small neighborhoods and main neighborhood for gathering, easy availability to commercial , public and services units,designing wide and beautiful common ownership spaces, planning balconies and semi spaces for all flats and common ownership spaces, pay attention to local architecture and climate condition, considering the façade, visual differences with form and color; all of them can create belonging, security, safety, comfort and gladness feeling that increase life quality and living satisfaction**

**Keywords : quality of life-low incom housing-resident satisfaction-housing**

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