

The Impact of Green Cell Construction in Prisons

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***Abstract---** Green space design in prisons refers to a design in which, by enclosing a part of prison with the approximate area of 400 meters, a green space with natural elements is created such as a cliff, waterfall, pergola, and planting flowers and grass as well as tree and bushes. This Green Cell project is an incentive project and its enclosure makes it inaccessible and this allows prison officials to encourage prisoners to improve their behavior and morals. Prisoners who had good morals and behavior during the week used this opportunity to visit their families in person. The harsh and solid environment of the prison with high cement walls and iron balls increases the value of the green space for the prisoner during the time they spend in the prison and being in such a green environment with a natural space such as waterfall, flower, and grass, encourages the prisoner to live and change their personalities. This environment has had a positive impact not only on the prisoner, but also on their families, their children in particular, as well as officials and prison officers, and had reduced the depression and stress of the prison's environment and becomes as helping tools for the officials in order to discipline the prisoners. The current plan was implemented in the reform school in Isfahan Prison.*

***Keywords---** Enclosed Environment, Prison, Green Space, Reform School of Isfahan.*

I. INTRODUCTION

With the increasing trend of today's machine life, the number of human crimes is increasing day by day. One of the main reasons for the creation of human crimes in today's society is the pressures of machine life on the human soul and psyche. Reducing human patience and tolerance to the problems of life, moving away from natural spaces, reducing mobility in open spaces, immersing oneself in urban life along with its pollutants such as water, soil, air, sound and landscape pollution, and its economic problems, and constant movement of modern man between iron and concrete, smoke and abnormal urban noises, etc., are sufficient reasons to lead man to the abyss of destruction.

Green space, as an essential and integral part of the body of cities, plays an essential role in their metabolism, the lack of which can cause serious disruptions in the life of cities. Therefore, the need to develop green space is raised from two perspectives, the environment, and urban development plans.

Urban environments have a higher crime rate due to their high population and industrial nature and special living conditions in it, compared to small and local environments. The criminal is sentenced to serve time after committing a crime in prison by court's sentence, meaning that he is completely confined to a cell concrete and iron bars. According to the science of psychology, when a human being is trapped in a small space, he is surrounded by various psychological and physical factors. Factors that the judiciary uses to make the offender penitent.

All societies in the world, in terms of governments and nations, want a healthy society free of violence, because the realization of development and progress in society takes place in an environment of stability and security. The existence of

crime and instability in society originates from the unhealthy management in the social-cultural-political and economic relations of that society. And over time, this kind of life permeates the beliefs of the people of that society and is formed as a custom. Certainly, every human being, by nature, wants peace and stability. Therefore, this responsibility, that is, achieving balance and stability, is first and foremost the responsibility of planners and those in charge in that society so that by providing the necessary facilities in every cultural, social, economic, political aspects, guide their people and nation towards it. In this regard, it is necessary to identify the factors and possibilities of this matter. The history of human societies has proved that the proper treatment of a society by its surroundings and the nature that surrounds it have had a profound effect on the culture of society, that is, societies that have respected the natural environment. They have had peace and non-violence in their lives. In other words, man's relationship with nature is a direct one. Therefore, expanding the culture of respecting nature and recognizing it will ultimately have an interactive effect. The project is based on a culture of respect for nature and the impact of elements of nature on human life, especially those in closed environments such as prisons.

Social life requires security, security that guarantees constructive social, economic, political, and, in general, developmental activities. Prison plays the role of guarding, controlling, and guiding criminals so that society can grow and prosper with security and health. In other words, part of the mental health of society is focused on the role of prisons in reforming and educating criminals. Today's structure of urban prisons has not grown and flourished in line with recent developments. That is why today our prisons are in dire need of imagination, innovation and reorganization. While sociologists today pay more attention to prison and prison issues, the physical and structural nature of prisons remains in its initial stages. This means that designers, architects and planners should play a more critical role in designing and organizing future prisons by taking a critical look at the current situation. Beautification and creating a suitable space and environment in security and tributary centers are effective in reducing the mental and psychological problems of employees and help seekers. The physical texture of prisons is such that it affects the morale of employees and clients, and to minimize its negative effects, the implementation of a beautification plan should be effective in improving the morale and activity of employees and also reducing the mental and psychological problems of clients. Creating green space, painting and using bright and cheerful colors, landscaping, murals, equipping dining services and beautifying the interior and exterior shells are among the activities that can be done to improve the physical condition of the prison and reduce the mental problems of the help seekers [Tehran Municipality Studies Center, 2012].

In general, all social anomalies and corruptions, or any human behavior that is contrary to public order and the values of society, in any way that arises from man, have a temporal and spatial context.

It is quite obvious that in order to pass the sentence, it is necessary to take appropriate measures to provide the minimum necessary needs and improve the living conditions of the prisoners. And as much as possible to provide the physical and mental comfort of the prisoners [Piriaei, Abbas, 2008].

Sometimes a person is forced to deviate by choosing the wrong path in his life for various reasons, such as educational, environmental and social conditions, and so on. In most cases, people become law-abiding along the way, and eventually end up in prison and find themselves trapped in limited steel and environmental shadows. In this situation, due to the fact that human beings try to adapt to the environmental conditions around them, they change their behavior and in the higher stages, they change their intellectual and doctrinal principles and finally improve their performance. In this small social environment, which is called prison, and in terms of special environmental conditions, as well as the people who live in it, like other small and large communities, other people will be harmed for a variety of reasons, and most importantly, their interactions, as well as their level of insight and vision. With a proper understanding of these harms and creating the right environment for dealing with them properly, as a result, we can take steps to improve and educate the people of this small

community (prisoners). The most important factor that causes these injuries is the psychological problems that occur at the beginning and in different forms over time. There are different types of imprisonment. Each prisoner had a social identity outside and before entering prison. The social status of the individual has different levels that when he is imprisoned and loses a lot of freedom and individual and social privileges, as well as welfare facilities and even living with his family, he is lost or unidentified and as a result, the mental disorder will emerge. A person who reaches this stage becomes weak and vulnerable to environmental damage if he or she does not recreate his or her personality and is unable to quickly recognize his or her identity and adapt to his or her environment.

This is where the role of prison reform and education becomes more important. Based on the tasks of the prison, it is necessary to give hope and spirit to the help seekers. Considering that many of the social rights have been taken from the help seekers, life expectancy is reduced in them and the required energy to create a healthy and purposeful life has been taken from them. In this case, different plans lead to creating happiness and cheerfulness, and consequently, the emergence of life and future in the help seekers. The next required action is to increase the self-confidence in the help seekers. With the presence of a person in prison and the loss of previous social status or fear of the family and community's view of himself, his self-confidence is lost and fear, anxiety, and apprehension are replaced, this problem can be solved through creating cultural context, professional counseling, as well as assigning responsibilities tailored to individual personalities and potentials, and building trust and appreciation for them. Another harm that threatens helpers is depression and isolation from the community, which can lead to stress and many other problems [Ranjesh, Hamidreza, 2011].

According to the environmental conditions of the prison and the classification of prisoners in terms of mental reactions to that goal, this project (greenhouse green cell) will be better defined, so the overall goal of this project is to create a lime of hope for the future and soften the prison environment for those who want change in their social behavior and creating a good opportunity by putting them in an environment with natural elements in the heart of the prison for a new perspective on life and its environment and encouraging personality reform during their sentences.

The Green Cell Greenhouse is a tool in the hands of prison officials to encourage prisoners to work with them to improve discipline in the prison environment and to encourage offenders to gain the privilege of entering the place during public meetings with their families and children. And reducing the negative psychological and physical effects on the prisoner and his family, especially the children of offenders who must meet their parents in prison as a child. And to create a sense of respect for nature in the existence of imprisoned human beings. The people who have been imprisoned in the prison environment have been rewarded with a lot of divine blessings that have been given to them.

II. RESEARCH METHODOLOGY

In this plan, the research method is applied analytical and on the other hand, it is deductive and it is applied in the following subjects.

The analysis of the subject and the finding of the desired features are used with the approach of practical referential capability and a deductive method for comparing and extracting the criteria and index of the subject in scientific and global experiments. Eventually, through the analysis of the theories collected from those involved and the stakeholders of this issue, the prisoners, the families of the prisoners, and the prison officials, the necessary synthesis will take place and the necessary criteria for design will be extracted.

After interviewing the target individuals and completing the questionnaires by the prisoners, their families and officials, the results are analyzed in statistical analysis by SPSS software and then using prison maps and appropriate to the initial design and conceptual design space, the green space is presented by allocating different zones with different land uses and finally with a detailed design template, and by performing an economic estimate, the design is executed.

Distribution of Crime Space in Isfahan City

Proper understanding of the city as well as recognizing the distribution of the crime hot stops is important to prevent crime occurrence. Meanwhile, in Isfahan, despite having a proper geographical location as well as having different economic, social, and cultural indices in Iran, the occurrence of crime in some regions is considerable.

The distribution of crimes in different parts of the city of Isfahan has been analyzed using GIS software. According to Table 1, 49.7% of the crimes occur in residential neighborhoods, 20.1% of the crimes occur in the workplace, 12.5% of crimes occur in pathways and intersects, 10.5% of the crimes occur in the city squares and 7.2% of the crimes occur in the recreational and tourism centers. The results showed that most of the crimes occur in the residential neighborhoods and the least of the crimes occur in the tourism and recreational centers. Therefore, more attention must be paid to residential places (Shahivandi, 2009).

Table 1- Frequency of Crime Place (Source: Shahivandi, 2009)

Crime place	Frequency	Percentage	Cumulative percentage
Residential area	166	49.7	49.7
Work place	67	20.1	69.8
Pathways and intersects	42	12.5	82.3
City square	35	10.5	92.8
Touristic and recreational centers	24	7.2	100
Total	334	100	-

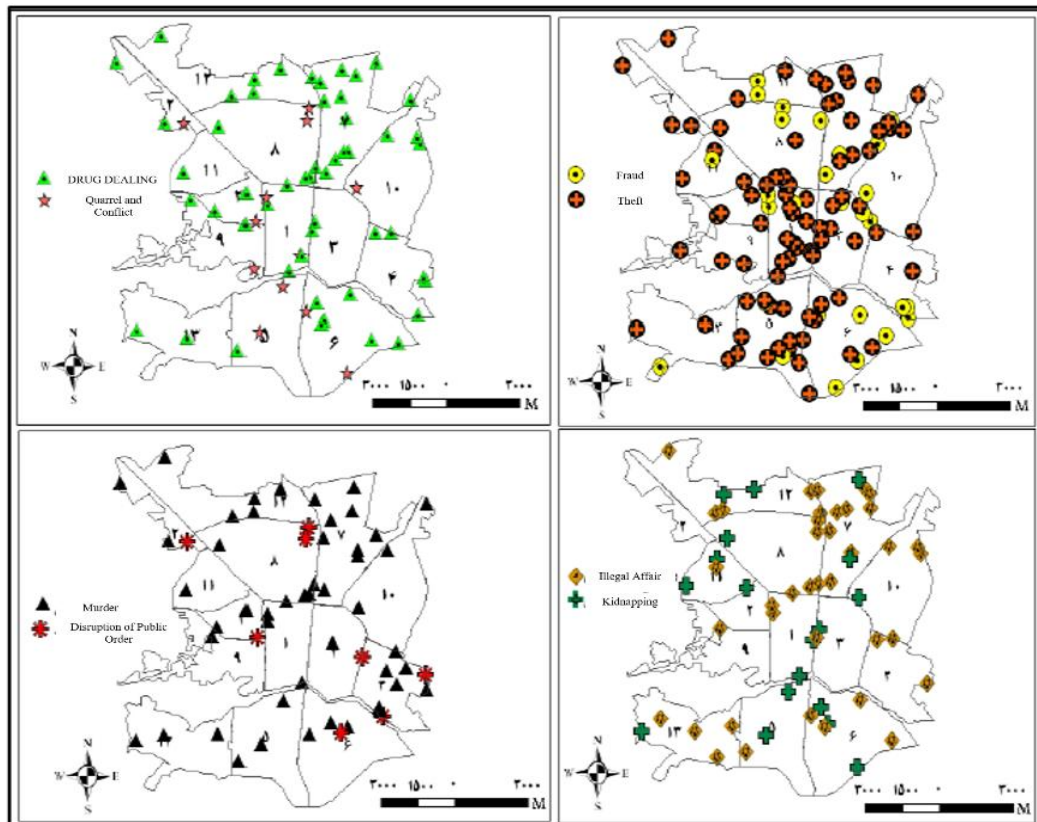


Figure 2- Crime Distribution in different geographical locations of Isfahan (Source: Shahivandi, 2009).

According to Table 2, most of the crimes occur in Districts 6,7, and 8 and least of the crimes occur in the districts of 9,11, and 13, respectively.

III. RESULTS AND FINDINGS

Using the data obtained from the questionnaires and using SPSS analytical software, the reliability is calculated using Cronbach's alpha that is 0.751 for all the questions. This number indicates the proper internal consistency as it is higher than 0.7 and therefore, the used questionnaire enjoys the required reliability.

The following table is the descriptive statistics of the people's responses to the type of crime. As can be seen in the following table, 2 of 48 respondents did not answer this question. 82.6% of the respondents to the crime type question, mentioned their crime type as public and 13% as drug offenses and 4.3% mentioned their crimes as financial crimes. Therefore, the mode of the crime type of the respondents is a public crime as it has the maximum frequency (38 out of 46 respondents).

Table 2- Crime Type

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Drug offenses	6	12.5	13.0	13.0
	Public crimes	38	79.2	82.6	95.7
	Financial crimes	2	4.2	4.3	100.0
	Total	46	95.8	100.0	
	No response	2	4.2		
	Total	48	100.0		

Living place before committing a crime

In the following table, the descriptive statistics of the individuals' responses to the living place before committing a crime have been specified. As can be seen in the following table, 37.5% of the respondents mentioned their living place as the capital of the province, 33.3% as the town, 16.7% as the village, and 12.5% as the center of the county. Therefore, the mode of the living place before committing the crime of the respondents is the capital of the province as it has the most frequency (18 out of 48 respondents).

Table 3- Living place before committing the crime

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Village	8	16.7	16.7	16.7
	County	16	33.3	33.3	50.00
	Center of county	6	12.5	12.5	62.5
	Capital of province	18	37.5	37.5	100.0
	Total	48	100.0	100.0	

Table 4- The yard of your living place before being a criminal is among which of the following options?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	House with yard or green garden	30	62.5	62.5	62.5
	House with the yard or dried garden	4	8.3	8.3	70.8
	House without yard or garden	14	29.2	29.2	100.0
	Total	48	100.0	100.0	

Table 5- Have you planted trees, shrubs, flowers, vegetables during your lifetime?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	8	16.7	16.7	16.7
	Few times	12	25.00	25.0	41.7
	Moderate	12	25.0	25.0	66.7
	Very Much	16	33.3	33.3	100.0
	Total	48	100.0	100.0	

Table 6- Are you familiar with Agriculture or Gardening Profession?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	4.2	4.2	4.2
	Few times	18	37.5	37.5	41.7
	Moderate	18	37.5	37.5	79.2
	Very Much	10	20.8	20.8	100.0
	Total	48	100.0	100.0	

Table 7- Are you familiar with Agriculture or Gardening Profession?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	4.2	4.2	4.2
	Few times	18	37.5	37.5	41.7
	Moderate	18	37.5	37.5	79.2
	Very Much	10	20.8	20.8	100.0
	Total	48	100.0	100.0	

Table 8- Are you interested in using this profession as a source of income after conviction?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	4.2	4.2	4.2
	Few times	2	4.2	4.2	8.3
	Moderate	18	37.5	37.5	45.8
	Very Much	26	54.2	54.2	100.0
	Total	48	100.0	100.0	

Table 9- if the Prison officials want to construct a place like a large greenhouse in a part of the prison, how much are you interested to cooperate in this project?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Few times	4	8.3	8.3	8.3
	Moderate	6	12.5	12.5	20.8
	Very Much	38	79.2	79.2	100.0
	Total	48	100.0	100.0	

Table 10- if such a greenhouse is constructed that has a stone waterfall, pergola, grass area along with the decorative shrubs and the sound of birds and mild music, are you interested to cooperate in its maintenance such as watering, pruning, mowing, and cleaning?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	4.2	4.2	4.2
	Few times	10	20.8	20.8	25.0
	Moderate	36	75.0	75.0	100.0
	Very Much	36	75.0	75.0	100.0
	Total	48	100.0	100.0	

Table 11- in case of observing the discipline and regulations of the prison, spend some time to enjoy of this place by the permission of officials?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Low	2	4.2	4.3	4.3
	Moderate	2	4.2	4.3	8.7
	Very much	42	87.5	91.3	100.0
	Total	46	95.8	100.0	
No response		2	4.2		
Total		48	100.0		

Table 12- Can be this place become a good incentive to observe the discipline and order in the prison?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Moderate	8	16.7	16.7	16.7
	Many	40	83.3	83.3	100.0
	Total	48	100.0	100.0	100.0

Analysis of the Questionnaire of Authorities and Prison Staff

The validity and internal coordination coefficient of the questionnaire questions were measured by the Cronbach validation coefficient, which is known as the Cronbach alpha coefficient. The validity coefficient of 1.00 indicates the full validity of the questionnaire and the validity coefficient of 0.0000 indicates complete invalidity.

Therefore, using the data obtained from the questionnaires and SPSS statistical software, the reliability of the questionnaire was calculated through Cronbach's alpha which is 0.899 for all the questions. This value indicates the internal compatibility because it is more than 0.7 and the applied questionnaire enjoys reliability.

In the following table, the descriptive statistics of the respondents to the question of do you agree with the incentive plan of greenhouse cell in the prison environment? have been indicated. As can be seen in the following table, two options of "No" and "few" were not selected and 66.7% of respondents to this question selected very much and 33.3% selected moderate option.

Table 13- Do you agree with the incentive plan of greenhouse cell in the prison space?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Moderate	10	33.3	33.3	33.3
	Many	20	66.7	66.7	100.0
	Total	30	100.0	100.0	

Table 14- Can this incentive plan be effective on the behavior of help seekers in terms of respect and observing the discipline and order as well as the mental and physical health of individuals?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Few	2	6.7	7.1	7.1
	Moderate	8	26.7	28.6	100.0
	Many	18	60.0	64.3	100.0
	Total	28	93.3	100.0	
		2	6.7		
		30	100.0		

Analyzing the Questionnaire of Help Seekers Family

Using the data obtained from these questionnaires and with the help of SPSS statistical software, the reliability of the questionnaire was calculated using Cronbach's alpha and is obtained 0.795 for all the questions. This value indicates that the internal compatibility is acceptable as it is more than 0.7 and the applied questionnaire enjoys reliability.

Table 15- have you noticed if your help seeker has been interested in planting trees, shrubs, flowers, and vegetables during his/her life?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Yes	26	65.0	81.3	81.3
	No	6	15.0	18.8	100.0
	Total	32	80.0	100.0	
	No Response	8	20.0		
	Total	40	100.0		

Table 16- Is your help seeker interested in nature as going for hiking, Jungle, Sea, dessert, and park?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	Low	4	10.0	10.0	10.0
	Moderate	6	15.0	15.00	25.0
	Many	30	75.0	75.0	100.0
	Total	40	100.0	100.0	

Table 17- Is there a green space or park around the living place of the help seeker?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	8	20.0	20.0	20.0
	Low	4	10.0	10.0	30.0
	Moderate	6	15.0	15.00	25.0
	Many	22	55.0	55.0	100.0
	Total	40	100.0	100.0	

Table 18- Do you think that implementing this plan can affect the improvement of the behavior of the help seeker?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	4	10.0	10.0	10.0
	Moderate	24	60.0	60.0	100.0
	Many	24	60.0	60.0	100.0
	Total	40	100.0	100.0	

Table 19- if the behavior and observing the discipline of the help seeker among the women is good, and the visiting of the help seekers is possible in this place, do you think that this place will be a good incentive plan for them?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	5.0	5.0	5.0
	A little	2	5.0	5.0	10.0
	Moderate	10	25.0	25.0	35.0
	Many	26	65.0	65.0	100.0
	Total	40	100.0	100.0	

Table 20- Do you welcome this plan and are you optimistic about it?

		Frequency	Percentage	Percentage of valid data	Percentage of cumulative data
Values	No	2	5.0	5.0	5.0
	A little	2	5.0	5.0	10.0
	Moderate	4	10.0	10.0	20.0
	Many	32	80.0	80.0	100.0
	Total	40	100.0	100.0	

Site Location



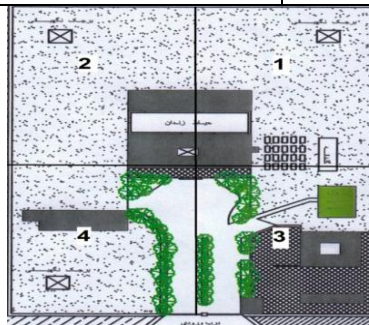
View Analysis and Site Landscape (Map1)



Site Analysis (Map2)

Table 21- SWOT

Space	Strength	Weakness	Opportunity	Threat
1	-extensive open space -watchtower to the environmental security	-lack of proper soil to plant tree and plants -being away from the place of help seekers and transferring them to the green cell environment	-proper environment to expand the design or considering the service and security issues	-increasing the service and security and expert costs -being windward
2	-extensive open space -watchtower to the environmental security	-lack of proper soil to plant tree and plants -being away from the place of help seekers and transferring them to the green cell environment	-proper environment to expand the design or considering the service and security issues	-increasing the service and security and expert costs -being windward
3	Enclosed space with a high degree of security Having water, electricity, and gas -service facilities -easy access to transfer the help seekers and their families	-lack of proper soil to plant trees and plants	-being close to the greenhouse space and as a result, reducing the maintenance costs and finally, green cell expansion -the possibility of increasing the education space around the green cell design	-expanding the security of the environment -increasing security costs
4	-extensive open space -watchtower for environmental security	-buildings of facilities, dormitories, and kitchen -lack of good crop soil for planting tree and plants	-having open and extensive space	-increasing the costs of security, service, expert forces -windward

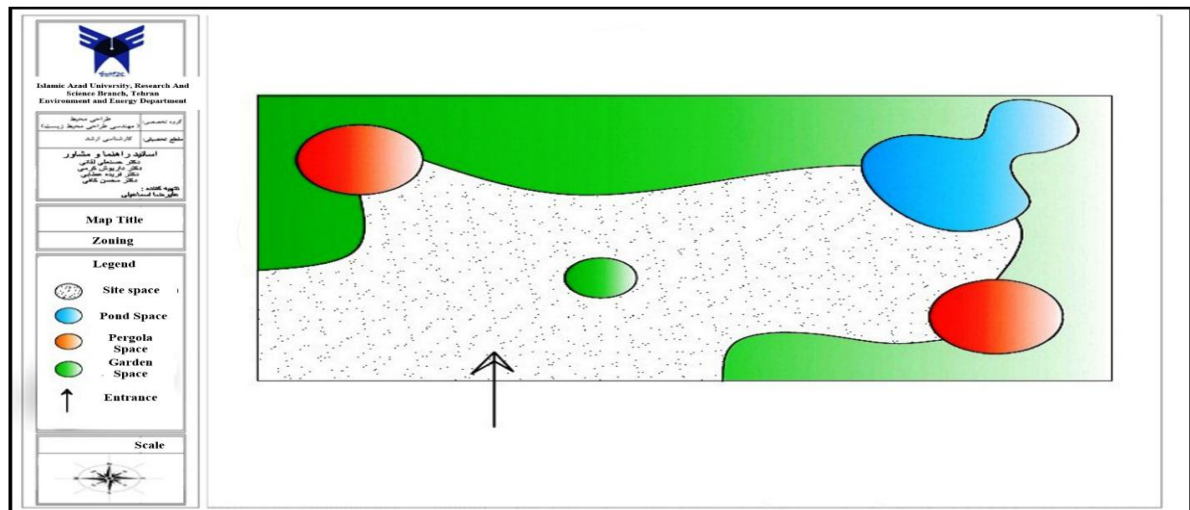


[Source: Author]

Physical Plan Presentation

After the administrative meetings in the Central Prison and the justification of the plan between the General Administrative of the Isfahan Prisons Organization and the charity officials and the agreement obtained from its implementation, 100,000,000 Rials were credited for the implementation of the plan, which is summarized as follows:

1. Selecting the site of the construction of green cell
2. Purchase and transport of required materials such as sand and cement, iron prophylaxis, and so on.
3. Planning to select a force between the young help seekers and justifying the plan for each one of them
4. Planning for security measures outside the central building
5. The daily presence of 4 help seeker with 4 security personnel along with them while working
6. Drawing and implementing plans and drawings by stringing and stone powder on the ground and justifying people
7. Implementation of the foundation of walls and iron bases
8. Constructing walls surrounding gardens and pavement and pergola seats
9. Implementation of the waterfall and its pond foundation
10. Earth filling of the garden and its bedding to plant the grass and plants
11. Cement laying and sealing the walls of waterfall and pond
12. Planting the desired flower and plant such as planting coniferous trees on the edges of green cell walls for the green cover of walls
13. Planting weeping willow on the edge of pond and waterfall and pergolas to give more comfort to the cell's environment
14. Planting palm tree to more beautify and diversify of the form by its claw leaves
15. Planting edgy and linear flowers such as violet, ornamental cauliflower cabbage because of the beginning of fall season at the time of implementation
16. Planting the bed of the gardens by grass to the better clarification of the plants planted and the integration of the surfaces of the gardens' beds and the creation of more freshness of the green cell space
17. Creating canopy in front of view and landscape of the waterfall by pergolas to the visit of help seekers with the family members
18. Using a circular garden in the center of the environment to better the circular current in the environment and better accessibility
19. Using the colorful sand in the floor of the site to increase natural sense of green cell with the sound of sand under the feet of the visitors and make the help seeker think outside of the prison for a while to motivate for the change in the help seeker and the mental preparation for the moral discipline and hope



Zoning Map (Map3)

IV. CONCLUSION

With the increasing trend of urban life and its problems, human beings have been under a lot of mental and economic pressures. The result of this kind of life is an increase in crime in society and therefore the vulnerable strata of society depend on its consequences. That is, the number of criminals is increasing every day.

One of the main reasons and factors for the increase in crime is the alienation of urban people from open and natural environments and the forgetting of human spiritual qualities, and this is also directly related to nature. Experience and history have shown that natural environments motivate human beings to turn to spiritual worlds than urban environments and human beings are naturalistic beings.

It is obvious for everyone that the end of the crime and murder in human societies is the imprisonment of the criminal and execution, in some cases.

Many measures have been conducted to reduce the crimes in the human society, however, the result obtained was not and is not satisfactory. Because, in many cases, the prison not only does not discipline the criminal, but also makes them more depressed and in some cases more outlaw and returns them to the society again.

Meanwhile, the Green Cell project could be one of the measures that will raise hopes among prison officials and criminals about the consequences of reducing this problem. Therefore, leading research in practical and extensive measures in this field can lead to the future fertility and growth of the green cell project in the country's prisons. The project requires a research-executive team on the psychological effects of the green cell on criminals, clients, family, and even relevant authorities.

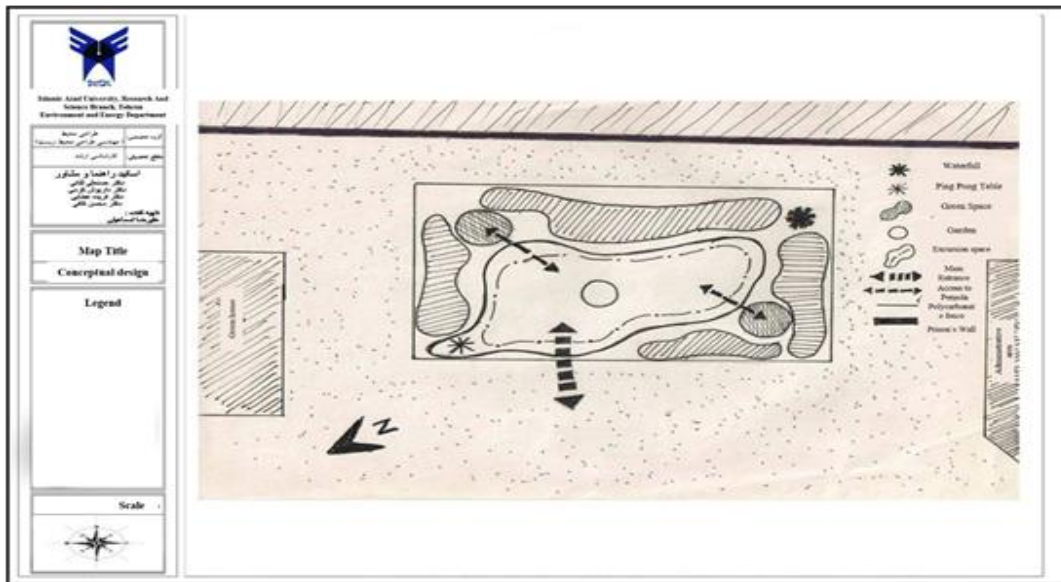
The psychological tests, before the entrance of the criminal to the green cell and after that, during the implementation of this project, show the positive effects on the help seekers and they showed passion in the cooperation with this project, and sense of cooperation and freshness in a way that the correspondent manager of the reform school confessed the passion of the help seekers and according to him, during his management time, he has not witnessed such a spirit among the help seekers.

Implementation of the green cell project is an example of dependency of the human soul to the nature and the feeding of the human psyche to the natural environments and the greenery around it. Urban design conditions and industrial communities need to pay more attention to this. In terms of easy access and better use of natural and artificial green spaces such as forest parks - urban and neighborhood parks, creating water flows such as waterfalls, ponds, and fountains,

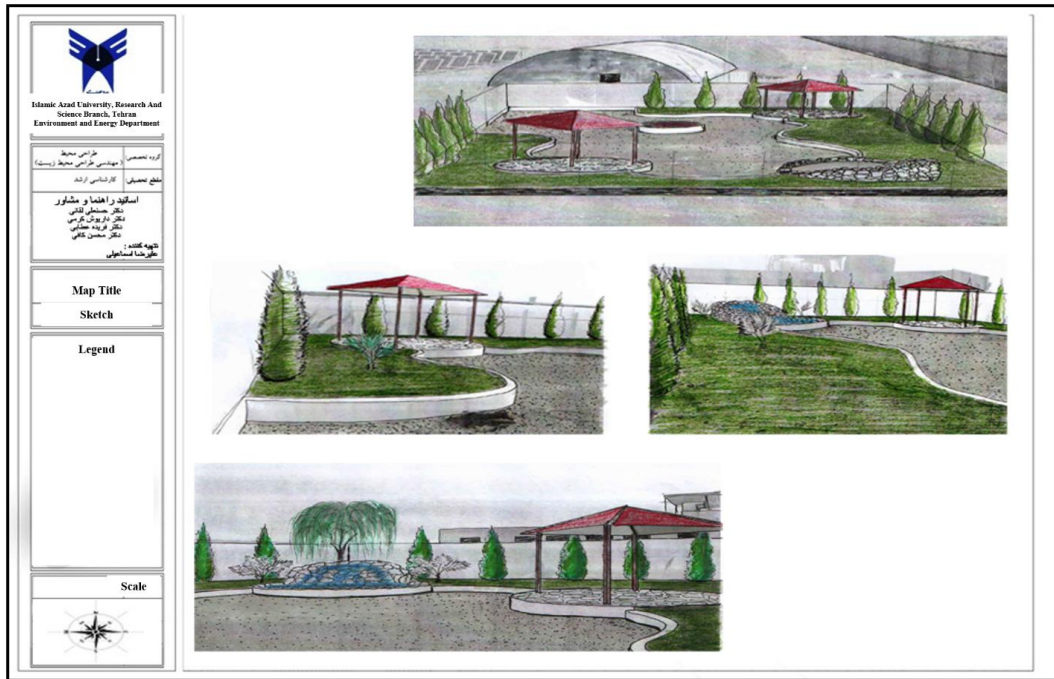
reviving old gardens and natural resources by spending money on creating green spaces and rehabilitating resources in this regard, the natural and public cooperation of the people in reducing the material and moral costs of crimes and the costs that impose a lot of pressure on the country's annual national budget are witnessed.

Implementation of the Green Cell Project in the prisons of the country is a big step in the establishment of peace and comfort in the society, because, the base of the growth and development of the urban societies is first the peace which leads to the security and security causes the attraction of domestic and foreign capitals for the country.

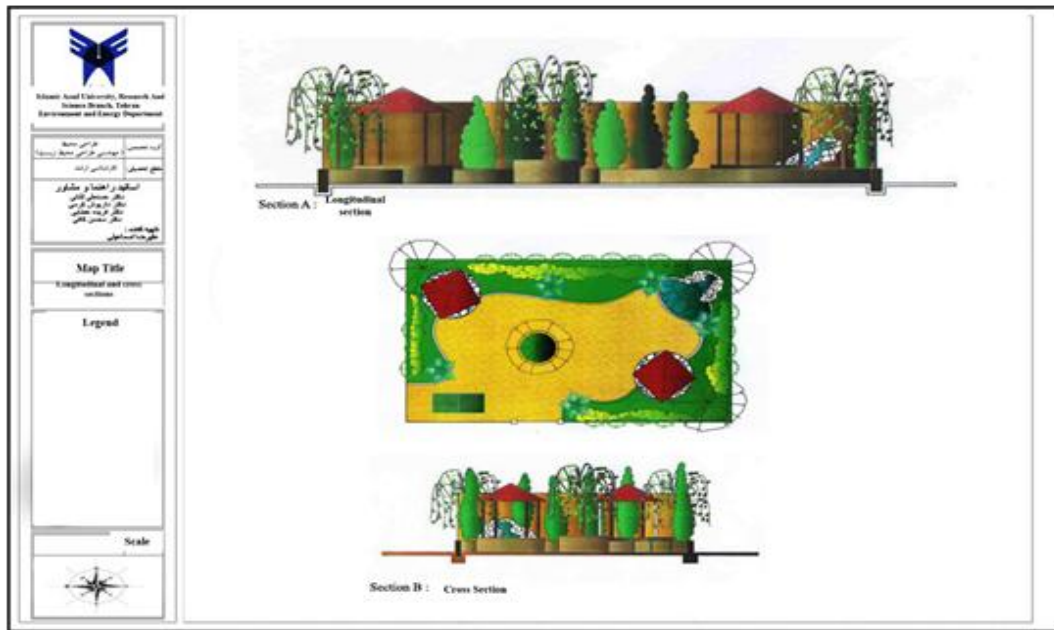
As a result, every measure that is in line with peace and human security enjoys high importance and respect. I hope that in the future, we witness the expansion of Green Cell Project in the prisons of the country and children and families of the criminal visit each other in a better environment so that the nightmare of prison and prison's environment be eliminated from the mind of the criminals' children.



Proposing Conceptual Design (Map4)



Final Design (Map 5)



Longitudinal and cross-section of the final design (Map 6)

Implementation Stages of Green Cell Project



Figure 3- Briefing sessions with authorities to the necessity and stages of the design implementation



Figure 4- stages of briefing the help seekers to the implementation of the project



Figure 5- preparing the land



Figure 6- Stages of Project Implementation



Figure 7- stages of selection and preparation of plants to transfer to the site and planting in the gardens



Figure 8- The opening ceremony of the final plan

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