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ACTIVATINGPUBLICSPACESTHROUGHPLACEMAKING:CASEOFCHA NDIGARH

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Abstract.Intheglobaltrendofurbanization,ourcommunities,peopleandplaceshasbeenencroachedbycommunicationtechnologi es, thereby weakening the liveability and quality of urban life. This cause surbanen vironments to expand, creating life style changes an d, as a result, the use of public spaces. Friendly quality of streets be gantod is appear and the essence of community got lost in the hustle distance of the properties ofoftraffic. The implications of rapidly changing economic and social circumstances have become profoundly important in shapingh owpeopleuseandformtheirsocieties.Placemakingisamethodtoenhancethecomfort, safety, attraction, and vitality of public spaces order to encourage people engage social activities. conceptisused to improve public spaces and to transform as pace into a place. This research paper investigates the inactive public spaces and to transform as pace into a place. This research paper investigates the inactive public spaces and to transform as pacent of the province of the cesandwhythesespacesfailinmakingintoagreatplace. Theresearch has been done to find out the simple solutions for activating public spacessothattheycanfostersociallifeandalsohowcanspacebetransformedintoaplace. Surveyshavebeendoneonvarious publicsp acesinChandigarhSec22and35tofindoutwheretheylack,thenegativeandpositivepoints.The design solutions discussed can be used as guidelines for future public spaces encouraging more and more use of that placeandencouragesocialinteraction.

Keywords: Placemaking, Urbandesign, Sense of place, Sociability, Community, Public place

Introduction

Human beings need to interact and connect with each other in order to feel authentically themselves. They seek toconnect withthe neighbourhood where they live in order to have a sense of belonging. Placemaking as a conceptisnotbrand-new.Placemakingistheprocessofestablishingaplacethatdefinesa community. motivates individual store design publicare as as the hubofaneighbourhood. Place making is a used term describe to fostering acommonmethodofcreatingourpublicrealminorderto maximise shared value closer by a bondbetweenpeopleand the spaces they occupy. Placemaking relies on a community's resources and abilities ratherthan relying entirely on experts in their field. It takes a place to create a community and a community to create aplace.(1)

1. Understanding Placemaking

Placemakingisdefinedasamulti-facetedapproachtoplanning, designandmanagementofpublic spaces. Itcapitalizes onleft overspacesortot a-lotsareas inmarkets,nearbus stops, junctions etc., which can betermedasassets, and realise their potential with the intention of creating public that spaces promote people'shealth, happiness and well being. (2) It in spirespeople to collectively reimagine and reinvent public spaces as the heart ofeverycommunity.Strengtheningthe places connection between peopleand the thev share. Placemakingreferstoacollaborativeprocessbywhichwecanshapeourpublicrealminordertomaximizesharedvalue.(3)

Morethanjustpromotingbetterurbandesign, this facilitates creative patterns of use, paying particular attention to the physical, cultural, and so cialidentities that define aspace and support its evolution over time.

Chandigarhstrives to emerge as a city with quality urban life where aspirational elements including high qualityurbanrealmareavailable.(4)Thecityaimstoofferchoicestotheresidentsofthecityforequitableandqualityurban spaces for which the city can take the pride in. With this, Chandigarh Smart City Limited (CSCL) intends toimprove upon the liveability and enhance the image of leftover open spaces, and tot-a-lots through minimalisticinterventions. The project titled 'Placemaking in ABD areas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is to be developed by Chandigarh Smart City Limited through its ownfundand project site has been identified in a reas' is a reas' in the reas' in the reas' is a reas' in the reas' in the reas' is a reas' in the reas' in the reas' in the reas' in the reas' is a reas' in the reas' in the reas' is a reas' in the reas' in the reas' in the reas' in the reas' is a reas' in the reas' in t

1.2. FromSpacetoPlace

Space is a characterless, unattractive object that all human settlement types must contend with due to its location. Althoughit is an emptything, space cantakeon a place-like quality when it is given a purpose. In essence, a placeonly becomes a place when it has meaning, and people connect and engage in social activities in order to impartmeaningtoaspace.

Filling the available space with people is not the only solution. This is how a place is made out of a space—bybringingpeopletogether. The location is significant for an umber of reasons, including the fact that every one wants

tobelongtoacommunitythatextendsbeyondthemselvesandcannotbefoundinaphysical location alone.Connecting to our communities through place making can be successful. Additionally, it might aid our reaction toenvironmental elements like climate change or safety. Which alley—a bustling, well-lit one or a dim one—will youpick? There aren't many instances where place making has changed things. We also desire to stay and spend time inareasthatmakeusfeelcertainthings.(5)

Public space is where we negotiate the boundaries between our places of residence, businesses, and institutions, andtherestoftheworld. Wecommutetowork, completeerrands and journey backhome using public transportation. The majority of violent crimestake place in public areas. Some people are protected in public settings by enforcement, but not everyone. In addition to socializing, playing, and stumbling into one another, public spaces are also used for buying and selling. The most mundane utilities and infrastructure, as well as our wrath and loftiest dreams, are built in public areas. Additionally, if we permit it, public space might serve as a venue for expression, experimentation, and new ideas. (6)

1.3. EnvironmentalandSocialImpact

The major impact placemakingshall make ison Liveability enhancement. It is determined by quality of life in thecity andthis qualityoflife is further dependent onthe quality of its public spaces. The quality of public spaces ishencethe primary requirement to achieve successful public spaces in a city. While the arts and creative expressionplayasubstantialpartinestablishingasenseofplaceandeconomicgrowth; amenities must also playane qually largerol eincreating asuccessful place. These two factors are not mutually exclusive. Place making directly affects the following:

- Integrityofparksandopenspaces
- Inclusivityofsocialplaces
- IdentityandImageabilityoftheareas
- Designofpausepointsthathavebenchesandseatingattractstheuserstherebyenhancingtheoverallexperienceandlocale conomyoftheplaces.

Incorporatingtheplacemakingprinciples,notonlyaffectstheabovesaidfactors,butalsoimpactstheoverallenvironmental and social impression to the public spaces. Therefore, this triggers the magnitude of impact on societyandenvironment.

Aspartoftheproposal, asuccessful placemaking will be based on following principles:

- CommunityInvolvement:Accountingtheinputsofpeoplewhowillbeusingthespace.
- Places,notDesigns:Placemakingisnotjustaboutdesigningaparkorplaza,butconsideringtheinterrelationshipswiththesurroundingamenities,informalitiesandactivities.
- Triangulate: Triangulationisstrategic placement of amenities, such that they encourage social interaction and are used more frequently.
- Formsupportsthefunction:Publicspace'sformfactorshouldbeformulatedwithitspossiblefunctionsinmind.
- Placemakingis'ongoingprocess': Itisaboutevolution of space that adapts itself according to people, place and time. Its evolution cannever come to an end and should not be restricted.

1.4. CoreElementsofPlacemaking

WalkableSidewalks: Sidewalksare apartof basic infrastructurethatencourage peopleto walk, and engageinassociatedactivities. Also, they act as buffer space between the built formand the carriage way.

- 1. Pause Points: Public spaces that shall have ample seating arrangements along with basic infrastructure which are more welcoming. Better experiential quality encourages greater citizen involvement.
- 2. Interactive Social Elements: The spaces should be interactive and flexible. Dynamic spaces engage people withthespaceandwithinthemselves. Community experiences should be encouraged in isolated spaces.
- 3. Art and Aesthetics: Vibrancy catches the eye and quickly activates the space. The components such as paintedsidewalks, artinistallations, street/wallart, etc. can elevate the area aesthetics and create more inviting experience.
- 5. LandscapeElements: Landscape always adds on to the aesthetic appeal and enhances the overall user

- experience. The landscape can be a mix of greenery, plantations, and hardscape elements, like grass, shrubs, planters, pavements of different materials, etc.
- 6. Last mile Connectivity: A well-connected space, which is easy to access physically and visually, tends to attractmoreusers. The journey has to be given equal design consideration as the site/destination.
- 7. Vendors: Vendors are the major point of attraction for people to come and use the place. Incorporating foodkiosks, informal vendors, etc. by either providing dedicated hawkers' space or keeping them in proximity torestaurantsandshopswillbeanimportantconcern. Having amix of choice helps serve speople from all walks of life and keep supthesocial balance in the designed spaces. (7)

2. Chandigarh-SiteIdentification&CharacterAnalysis

The capital of the states of Punjab and Haryana, Chandigarh is a union territory in northern India. State of PunjabbordersChandigarhtothenorth,west,andsouth.StateofHaryanabordersChandigarhtotheeast.(8)

OneofIndia's first planned cities after independence, Chandigarh is renowned around the world for its architecture and urban planning. Le Corbusier, a Swiss-French architect, devised the city's master plan, which was based one arlier designs made by Maciej Nowicki, a Polish architect, and Albert Mayer, an American urban planner. (9)

Sinceitsinitialconstruction, Chandigarhhasex panded significantly and has reached its physical developments at uration point. This has led to the development of two satellites.

Sinceitsinitialconstruction, Chandigarhhasexpandedsignificantly and has reached its physical development saturation point. As a result, the development has spread to two satellite cities in its adjacent states, Mohali and Panchkula. (10)

Chandigarh being a planned city has large pockets for public spaces and as a by-product a great extent of residual pockets are found in and around those public spaces. These pockets are either occupied by vendors or used as parking spaces, or in some places are even used for illegal activities. Retrofitting or redesigning these pockets has to be considering the pocket context, its location and understanding the desired needs of the people living around. (11)

Apartfromthesepockets, there is one more kind of spaces that need to be re-looked, i.e. the left over spaces on both the sides of the V2 and V3 roads in the city. Because of introvert planning of the sectors, the roads get boundary wall son both the sides, which has no footfall after evening hours because of no or minimal illumination, and minimal footfall during days due to disconnected foot paths in high traffic zone and lack of seating spaces. This is a major drawback that hinders promoting safe walkability around the city. The following map represents this variety of typologies via colour coding legend.



Figure 1. Site context for Placemaking instudy areas

Typology A: Thistypology of pockets is the stretch in front of market area. The markets are secluded from the neighbourhoodinterms of their accessibility and pedestrian prioritization. The city designed for carsdoesnotsupport the humanized scape of the city. Availability of to ilets in such pockets in vite speople here

- throughouttheday. This typology of spaces is designed as pause points for people to shop and recreate. But it lacks the basica menitieslikelighting,nightillumination,andproperseatingspacesforpeopletorelaxover.Thiscreatesdiscomfortforpub licingeneral, and elderly and disabled specific. Lack $of illumination is generating the sense of insecurity and threatens the psychology of {\tt of} the {\tt of} the$ being for all,especiallywomen.Designedasrigidstructuralentities,thesemarketspacesneedlittleflexibilitytoadaptthecurrentso cialneeds,tomakeitmorevibrantandviable. Another factor undermajor consideration is the vendors and food kiosks. city's functioning is incomplete without them, and hence. properplanning and design consideration as a part of holistic design process.
- Typology B: This typology of pockets are the leftover corner spaces at junctions which have no designated function, neither are they utilized for any purpose, except as cross-overs or illegal parking. These under-utilized spaces have potential to become urban public spaces with strong social and aesthetic character. This will not only enhance the Imageability of the area but will also, help in illuminating the area, crating pause points for people passing-by. The bland visual character need be turned into vibrant interactive spaces for the people and by the people. Currently, these empty spaces are adding to the dreadful dark spaces in the city.
- TypologyC:Thistypologyofpocketsisthespaceinfrontofmarket/boothsthataresupportedbywiderangeofinformalact ivitiesnearShastri market (designed informal market). These pockets are clutteredwith kiosksand vendors dealingwith food, clothes, variety of articles, etc. They are full of people even tilllatenight, i.e. 8.30-9pm.Buthavelittleor no illumination to support the character. sufficientsittingspacesaddsontotheissue. Also, the width of pedestrian pathis not sufficient to handle the quality and qualityof crowd using these markets. The character of market supports vibrancy and social interaction but the quality of amenities provided does not support that.
- TypologyD:Thistypologyofpocketsisthespaceinfrontofmarket/boothsthataresupportedbywiderangeofinformalact ivitiesnearShastri market (designed informal market). These pockets are clutteredwith kiosksand vendors dealingwith food, clothes, variety of articles, etc. They are full of people even tilllatenight,i.e.8.30-9pm.Buthavelittleor no illumination to support the character. Lack of sufficientsittingspacesaddsontotheissue.Also,thewidthofpedestrianpathisnotsufficienttohandlethequalityand qualityof crowd using these markets. The character of market supports vibrancy and social interactionbutthequalityofamenitiesprovideddoesnotsupportthat.





Figure 3. Identified pockets for Placemaking in Sector 35

2.1 PocketwiseExistingCharacterAnalysisforSector22

2.1.1 TypologyA

Thistypology of pockets is the stretch in front of market area. The markets are secluded from the neighbourhoodintermsoftheiraccessibilityandpedestrianprioritization. Thecitydesignedfor cars does not support thehumanized scape of the city. Availability of toilets in such pockets invites people here throughout the day. Thistypology of spaces is designed as pause points for people to shop and recreate. But it lacks the basic amenities likelighting,nightillumination,andproperseatingspacesforpeopletorelaxover. This creates discomfort for publicing eneral, an disabledinspecific.Lackofilluminationis generating the sense of insecurity andthreatensthepsychologyofbeingaloneforall, especially women. Designed rigid structural entities, thesemarketspaces need little flexibility to adaptthe current social needs, to make it more vibrant and viable. Anotherfactorunder majorconsideration is the vendors and food kiosks. A city's functioning is incomplete without them, and hence, they need proper planning and design consideration as a part of holistic design process.

2.1.2 TypologyB

This typology of pockets are the leftover corner spaces at junctions which have no designated function, neither aretheyutilizedforanypurpose, exceptascross-oversorillegalparking. Theseunder-utilized spaces have potential to be come urban public spaces with strong social and aesthetic character. This will not only enhance the Imageability of the area but will also, help in illuminating the area, crating pause points for people passing-by. The bland visual character need be turned into vibrant interactive spaces for the people and by the people. Currently, these empty spaces are adding to the dread fuld arkspaces in the city. The bland visual character need be turned into vibrant interactive spaces for the people. Currently, these empty spaces are adding to the dread fuld arkspaces in the city.

2.1.3 TypologyC

Thistypology of pockets is the example of underutilization of large chunks of land in the city. The planned cityhas many leftover pockets that create disconnect in the movement and hence, the Imageability of the city. Thesespacescouldhavebeendesignedasholistic part of the surroundings. But, they are now the blanks spaces either used parking lot or by the vendors for setting up their kiosks or sometimes even by labour class for resting/sleeping.

2.1.4 TypologyD

This typologyof pockets is the space in front of market /booths that are supported by wide range of informalactivitiesnearShastrimarket(designedinformalmarket). Thesepockets are cluttered with kiosks and vendors dealing with food, clothes, variety of articles, etc. They are full of people eventill latenight, i.e. 8.30-9pm. Buthave little or no illumination to support the character. Lackof sufficient sitting spaces adds onto the issue. Also, the width of pedestrian path is not sufficient to handle the quality and quality of crowd using these markets. The character of market supports vibrancy and social interaction but the quality of amenities provided does not support that.

2.2 PocketwiseExistingCharacterAnalysisforSector35

2.2.1 TypologyA

Thistypology of pockets is the stretch in front of market area. The markets are secluded from the neighbourhoodintermsoftheiraccessibilityandpedestrianprioritization. Thecitydesignedforcars, has enough spacededicated for vehicular parking (though it is not enough as per current needs). Availability of toilets in such pockets invites peoplehere throughout the day. This typology of spaces is designed as pause points for people to shop and recreate. But it lacks the basic amenities like lighting, night illumination, and proper seating spaces for people to relax over. This creates discomfort for publicing eneral, and elderly and disabled in specific. Lack of illumination is generating the esense of insecurity and threatens the psychology of being alone for all, especially women. Designed as rigid structural entities, the semarket spaces need little flexibility to adapt the current social needs, to make it more vibrant and viable. Another factor under major consideration is the vendors and food kiosks. A city's functioning is incomplete without them, and hence, they need proper planning and design consideration as a part of holistic design process.

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This typology of pockets are the leftover corner spaces at junctions which have no designated function, neither aretheyutilizedforanypurpose, exceptascross-oversorillegalparking. Theseunder-utilized spaces have potential to be come urban public spaces with strong social and aesthetic character. This will not only enhance the Imageability of the area but will also, help in illuminating the area, crating pause points for people passing-by. The bland visual character need be turned into vibrant interactive spaces for the people and by the people. Currently, these empty spaces are adding to the dreadful darkspaces in the city.

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2.2.4 TypologyD

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3. ResultsandDiscussions

Theproposedsolutionhasbeendesignedkeepinginmindthecontextandpossibilityofreplicationhandinhand. Theelementsprop osedhavethecapabilityofbeingmultipliedinnumberofplacesinthecontextofChandigarh; likematerialforpedestrian pathways, benches, rainwatertrenches, etc. At the same time, these elements havebeen developed from the needs and patterns in the public places of Chandigarh. The proposal maps of the designclearlydemarcatethepositioning of each element proposed. Even beyond the selected pockets taken, the elements are replicable typology-wise.

The figure 4 below gives a clear picture of the holistic locations of the components.



Figure 4. Existing pockets with holistic locations of proposed components throughout the study area

4. Conclusion

The project for place making is outlined to relook the Corbusier's plan as ramification to its urban form that will help generate humanized urbanscapes in the city. Being a bottom-up approach placemaking empowers and engages people in ways thattraditional planning processes do not. It draws on the assets and skills of a community, rather than solely relying on 'professional' experts. Each place and each culture is unique. Questions of societal norms, climate and tradition must all beconsidered. The result will be a holistic urban environment that reflects its distinguished character in terms of elementsincorporated, materials used, typology of spaces created, and most importantly enhancing the pedestrian prioritized spaces inthe city. The overall "placelessness" in city of cars of disconnected pockets will cured, the because be more humanized and susceptible environment that invites people to public places.

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