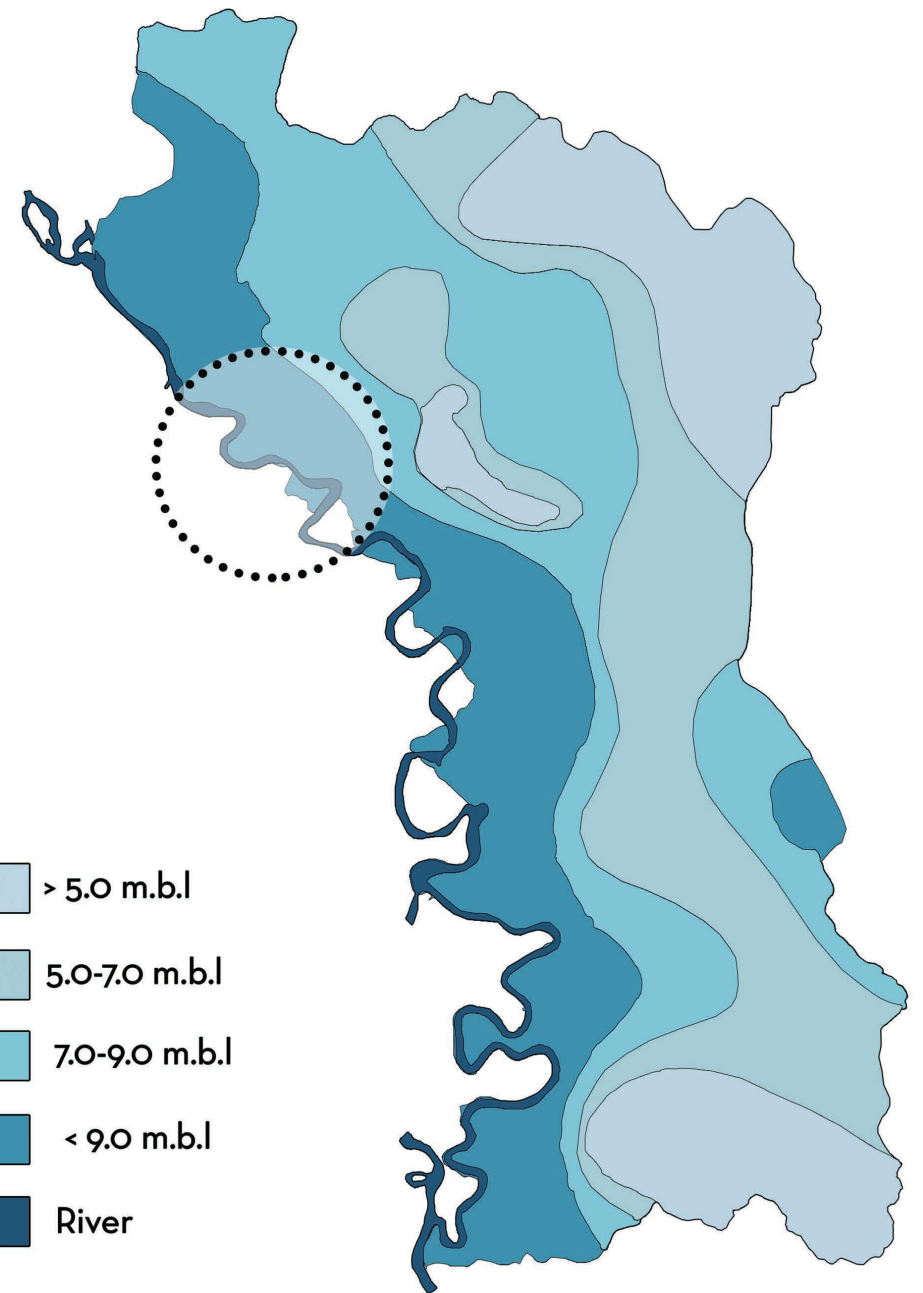
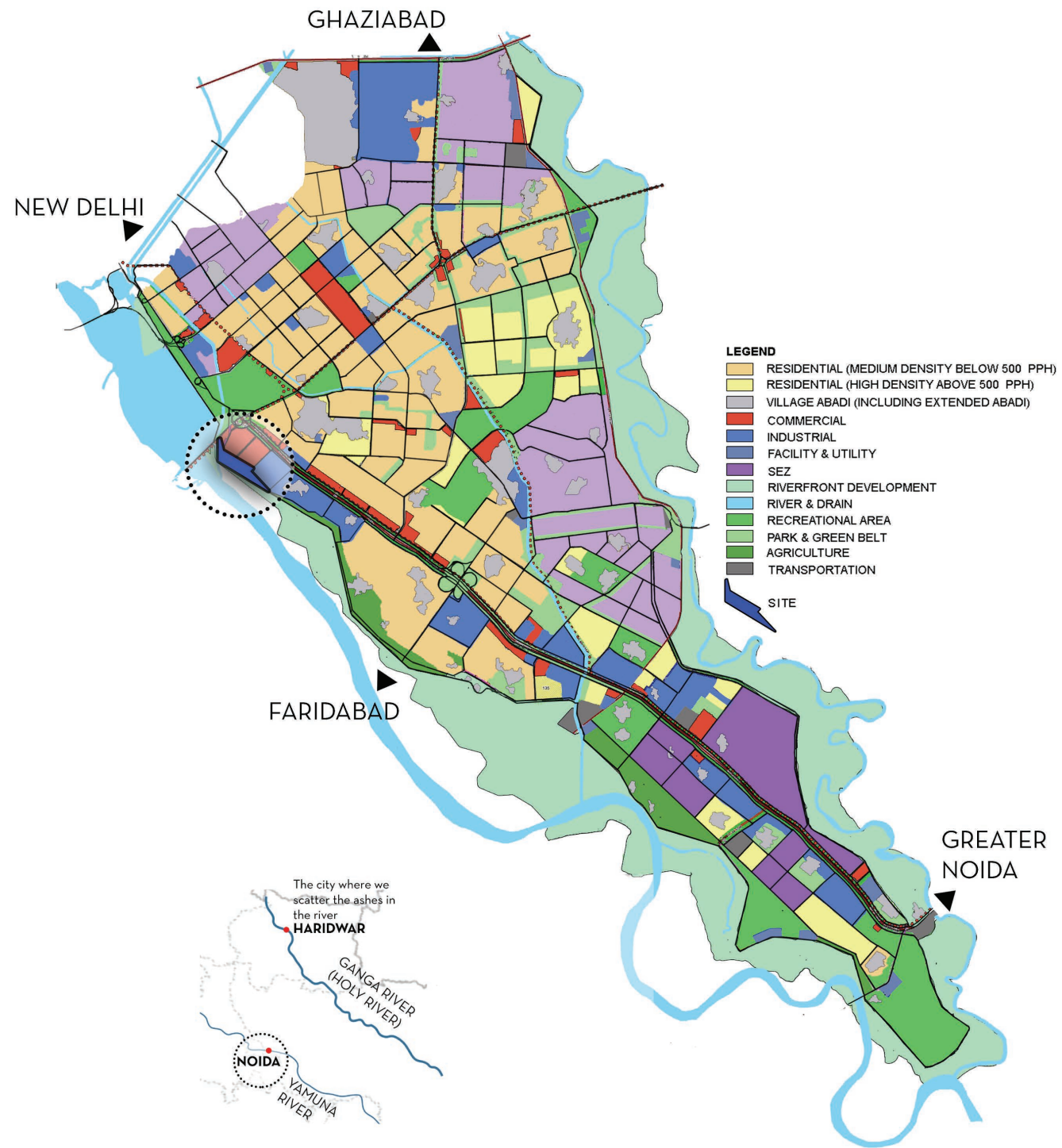




---

# CEMETERY AS A HEALING LANDSCAPE

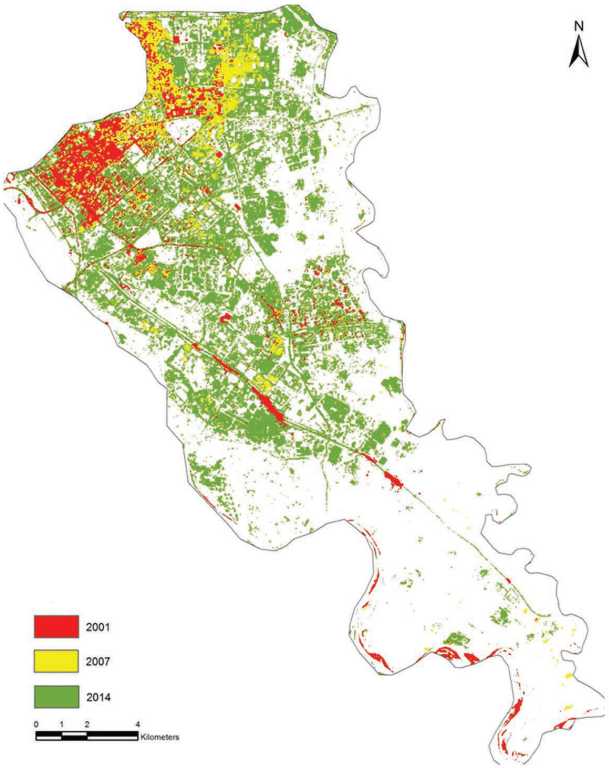


**LANDUSE**

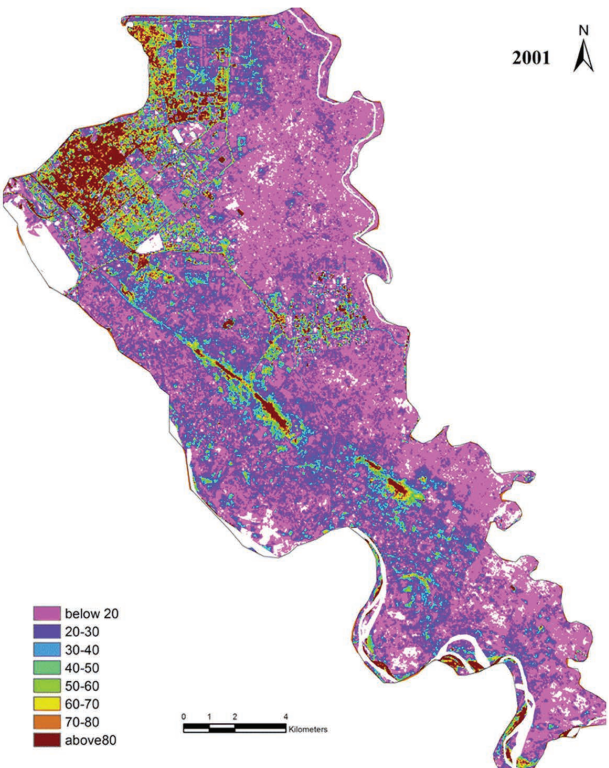
**DEPTH OF UNDERGROUND WATER**



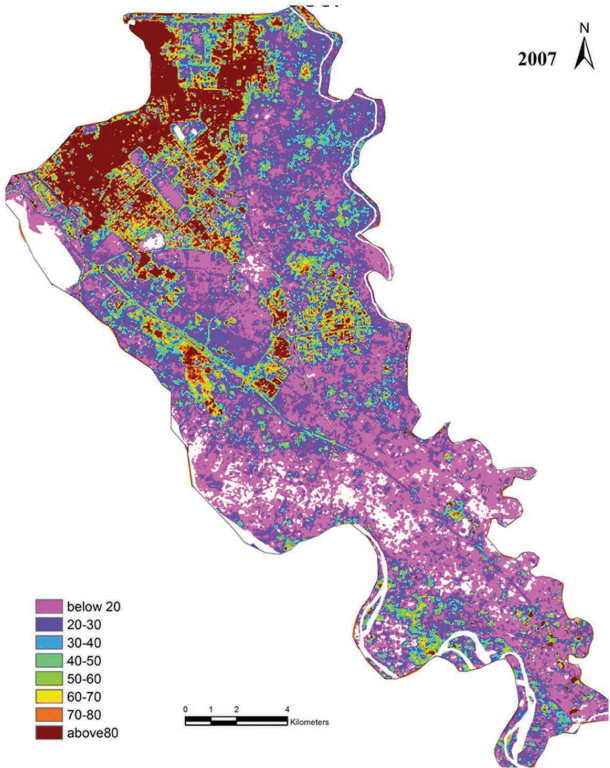
Comparison between 2001,2007 and 2014 development plans of the city



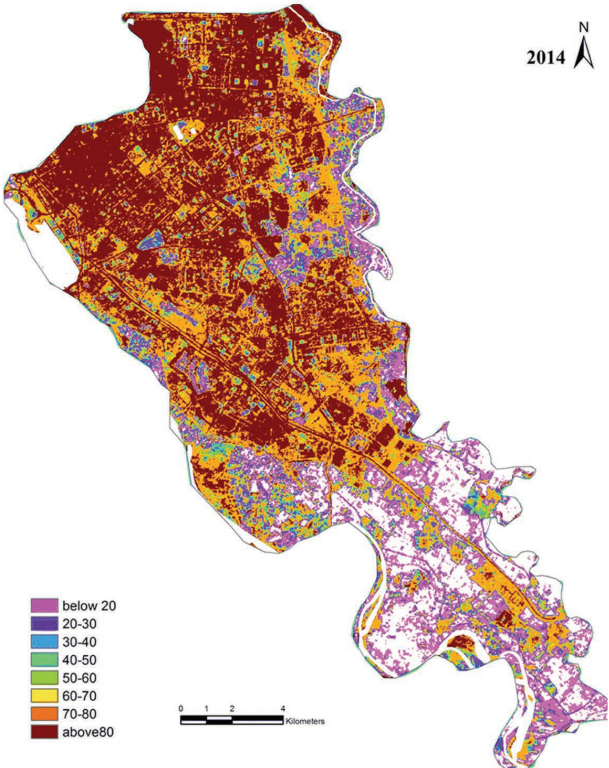
In 2001,the growth and development of the city started with the movement of people from Delhi towards Noida

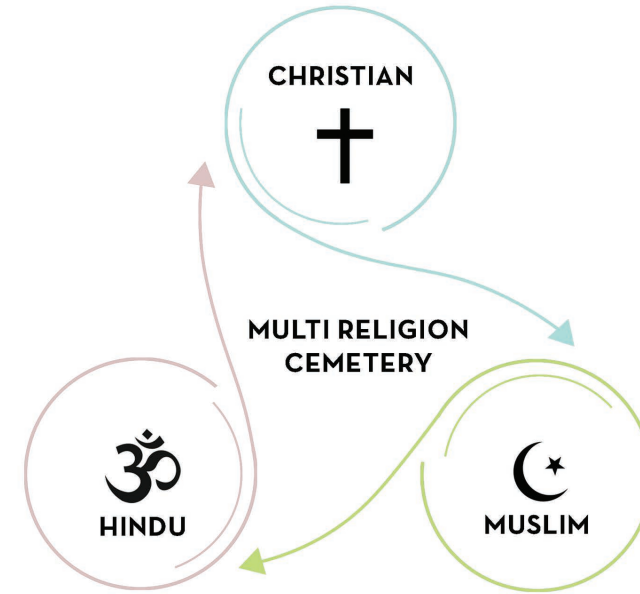
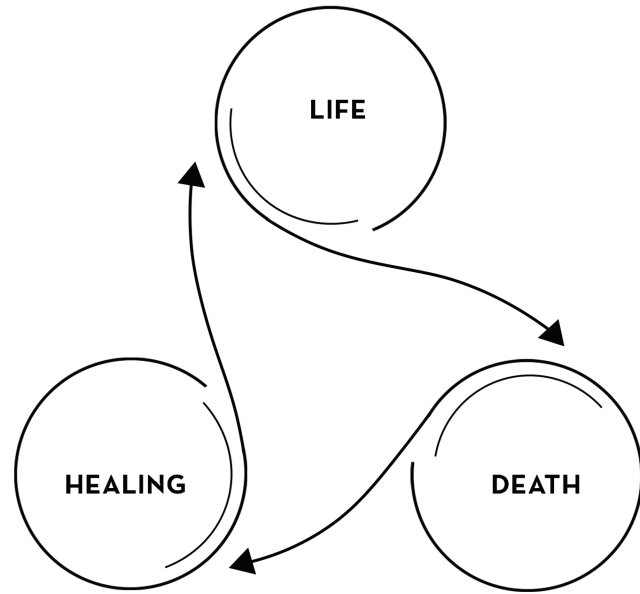


With the continuous growing population and decrease in land ,the shift continued towards empty spaces

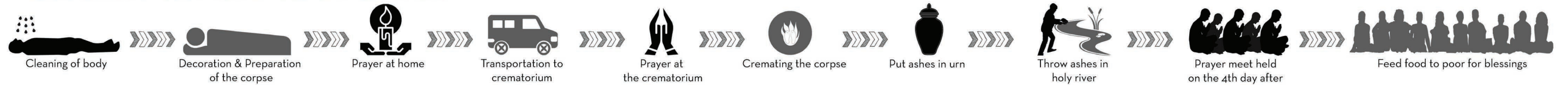


Due to migration of people from rural to urban areas,the urban population shift towards Noida increased leaving no land

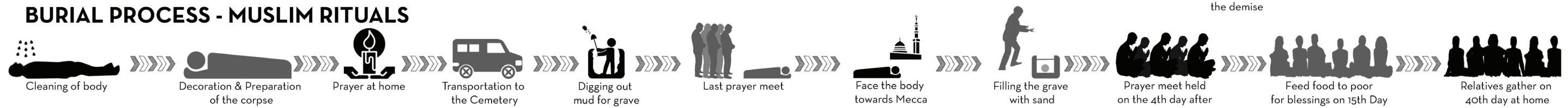




### CREMATION PROCESS - HINDU RITUALS



### BURIAL PROCESS - MUSLIM RITUALS

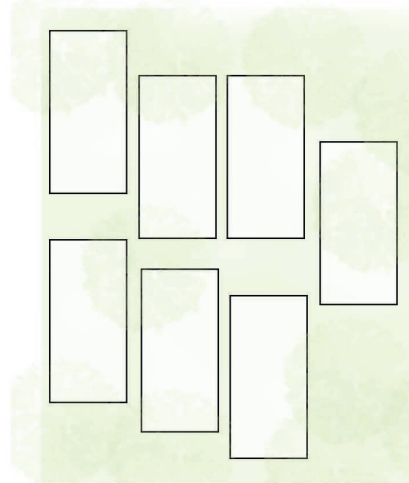


### BURIAL PROCESS - CHRISTIAN RITUALS



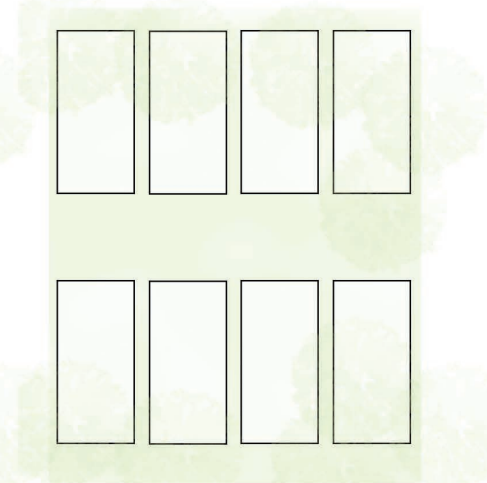


Existing Plan of Graves



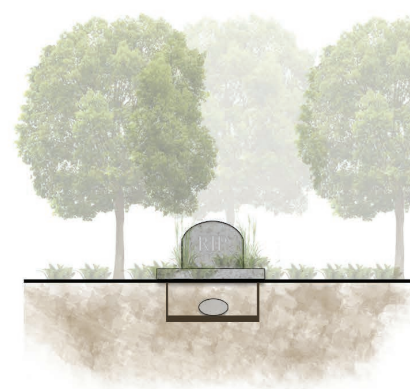
Existing Unorganised Grave Layout

Proposal



Proposed Organised Grave Layout

Existing Burial Pattern



Proposal Sustainable Burial Pattern



Wooden Stack Cremation



Existing Third Landscape

Electric Furnace

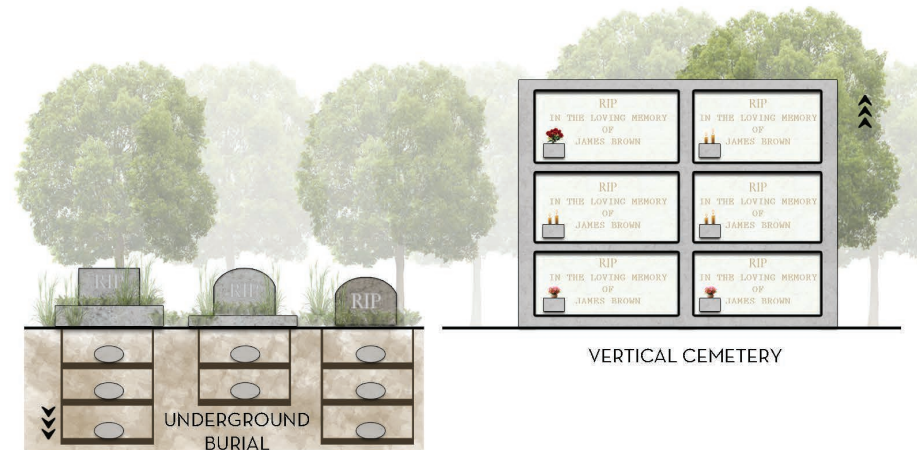


Proposed Design Landscape



Existing Burial Pattern

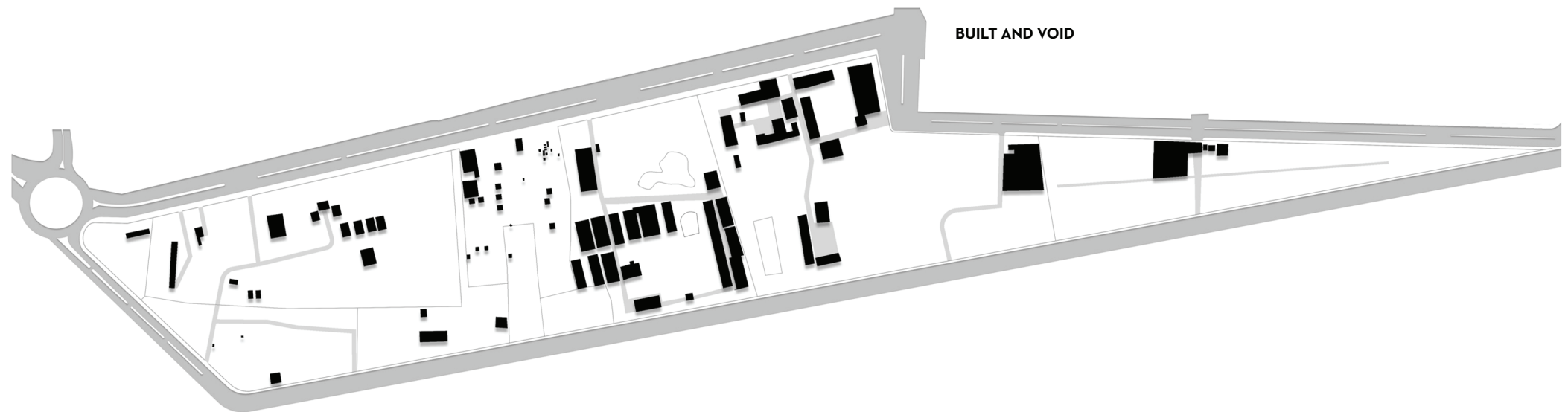
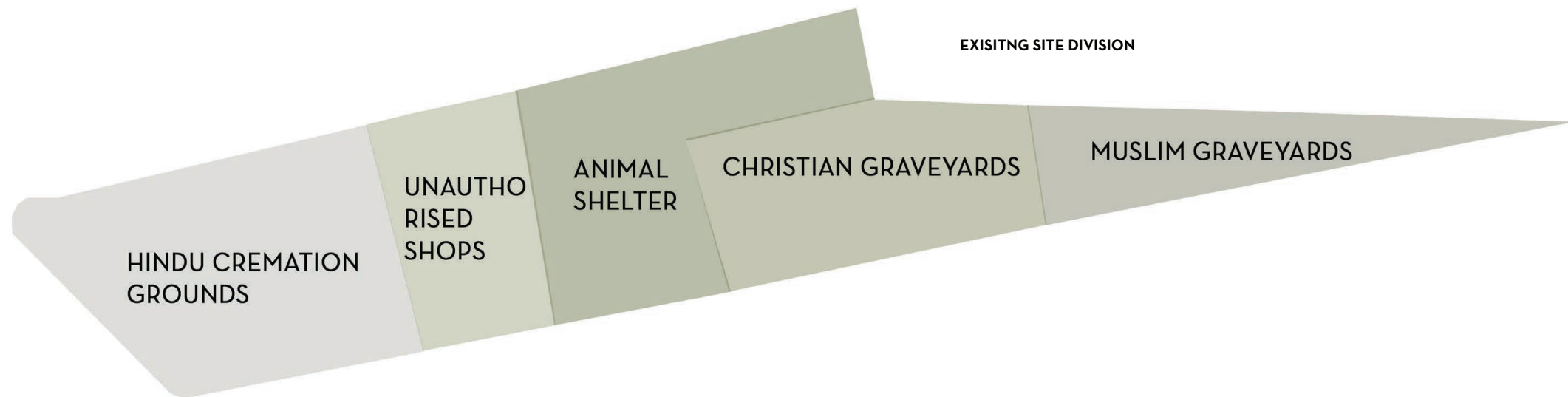
Proposed Burial Pattern



VERTICAL CEMETERY

UNDERGROUND BURIAL





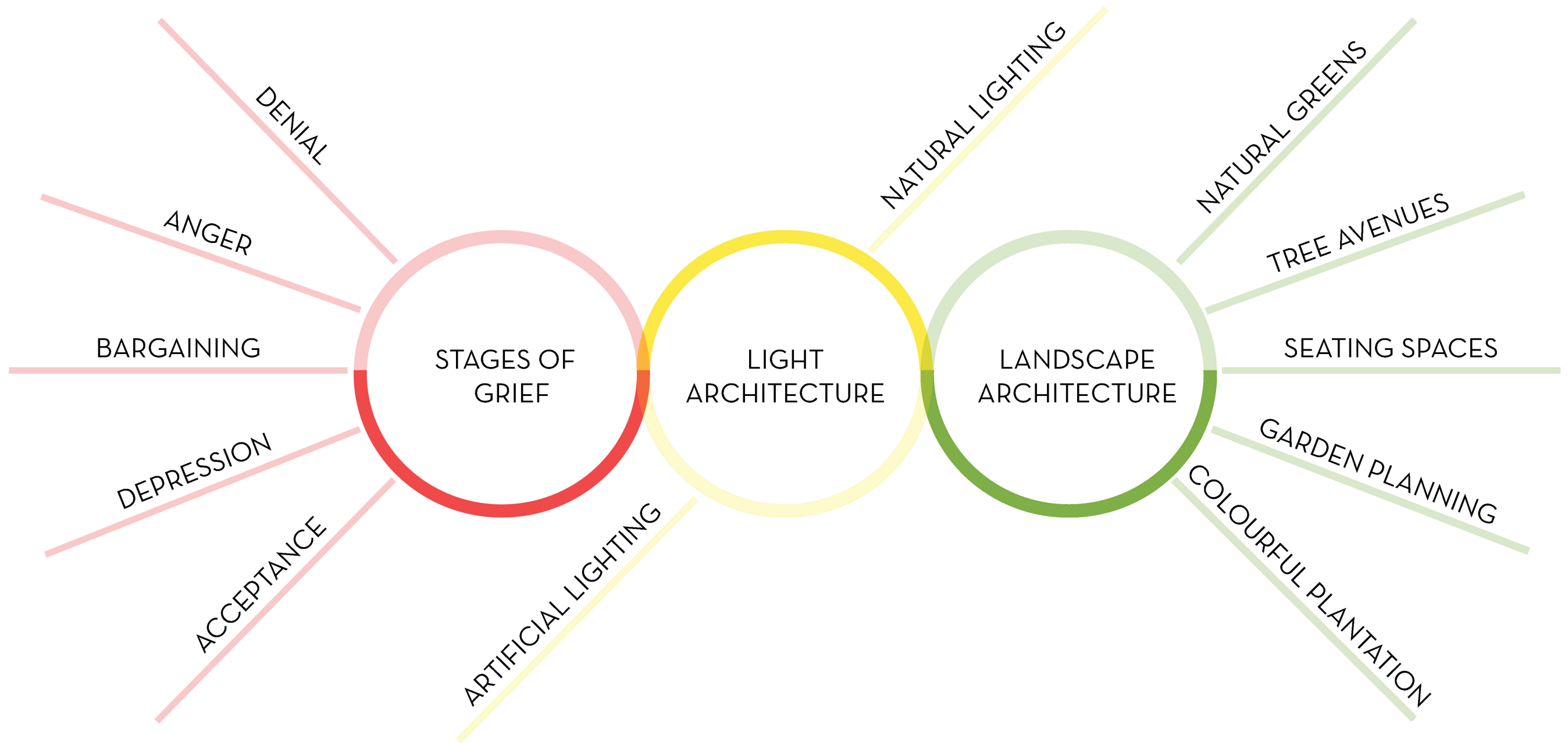
**LAYER DIAGRAM**





**EXISTING SITE PLAN**







Reaching out to others  
Telling one's story

Interaction Spaces  
Play of light and shadows



Avoidance  
Confusion  
Elation  
Shock  
Fear

Dark spaces  
Silent rooms  
Trees and alone seating



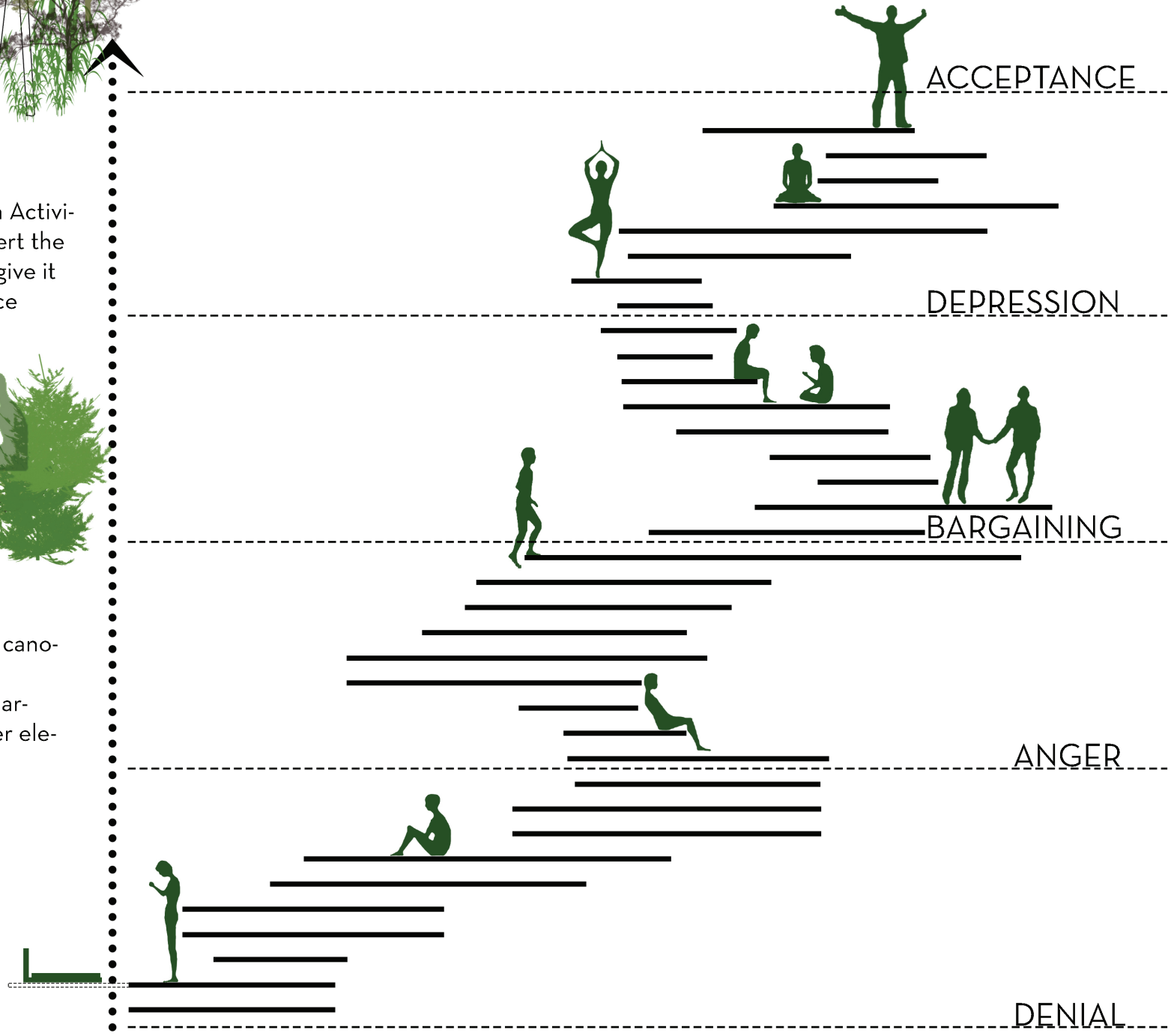
Overwhelmed  
Helplessness  
Hostility

Areas with Activities to divert the mind and give it some peace



Frustration  
Irritation  
Anxiety

Paths with canopies  
Sensory Gardens  
Water elements



ACCEPTANCE

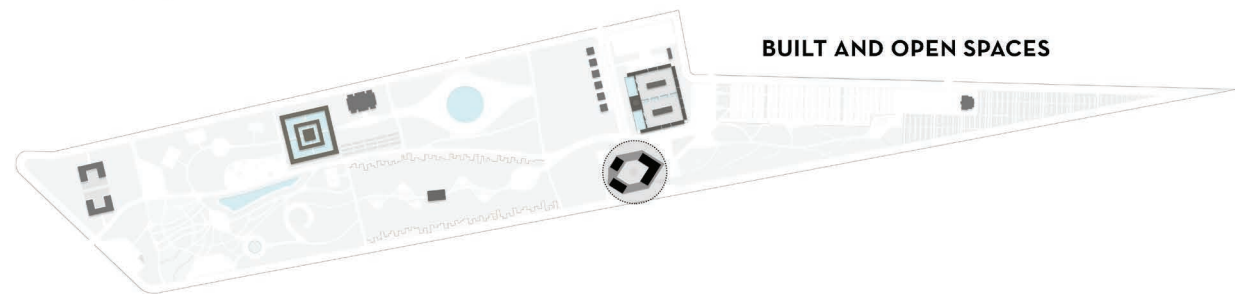
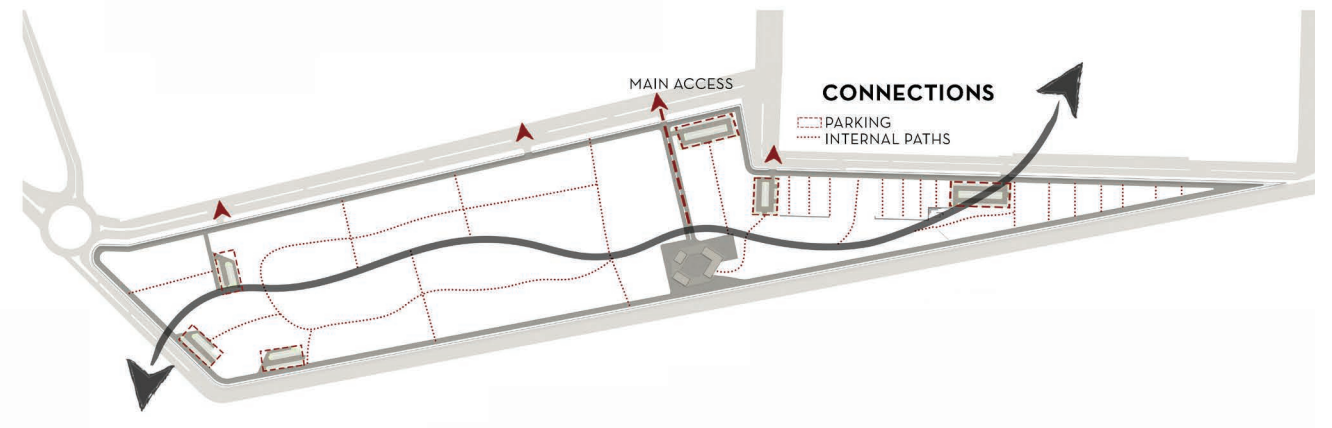
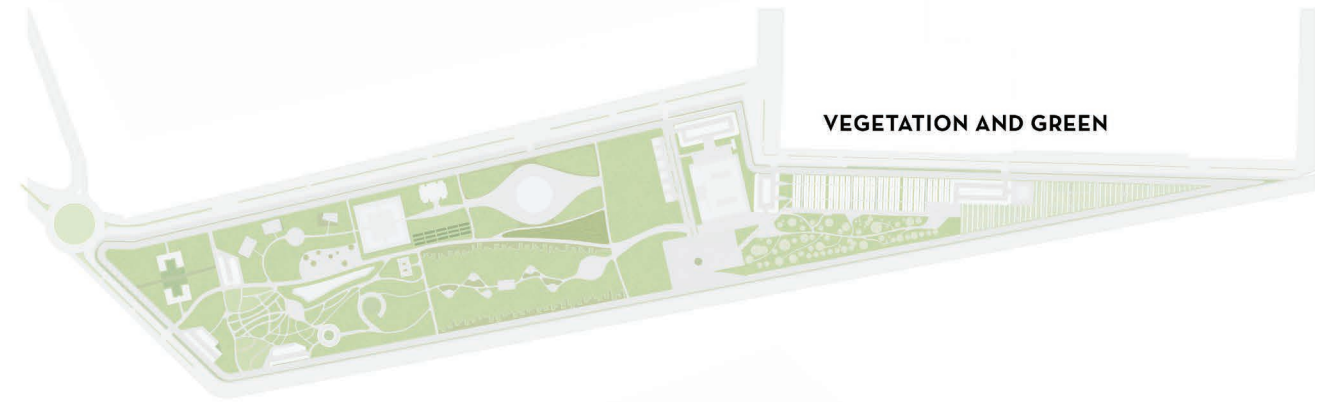
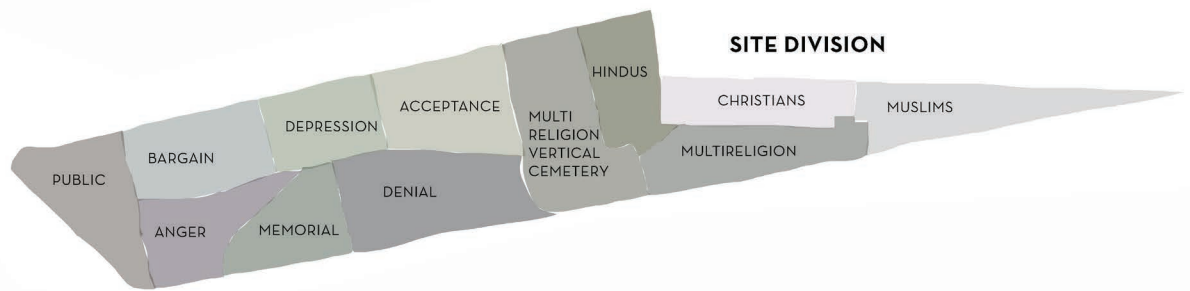
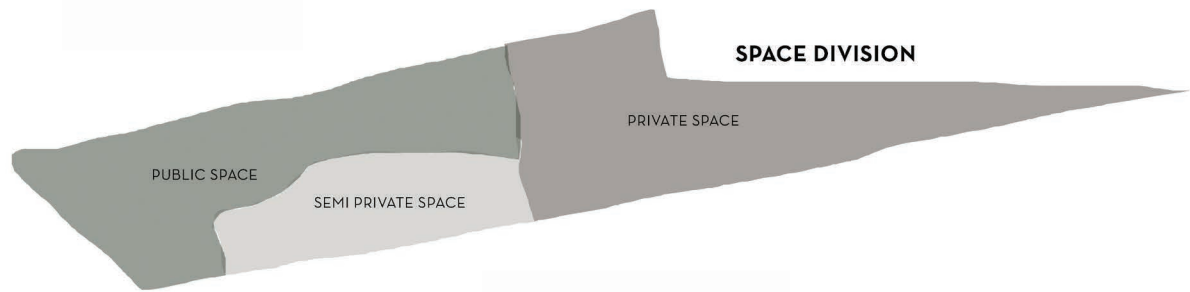
DEPRESSION

BARGAINING

ANGER

DENIAL

**STAGES OF GRIEF**

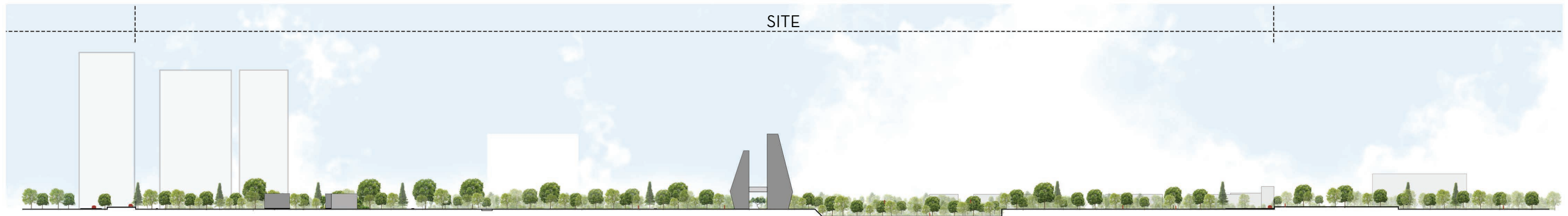
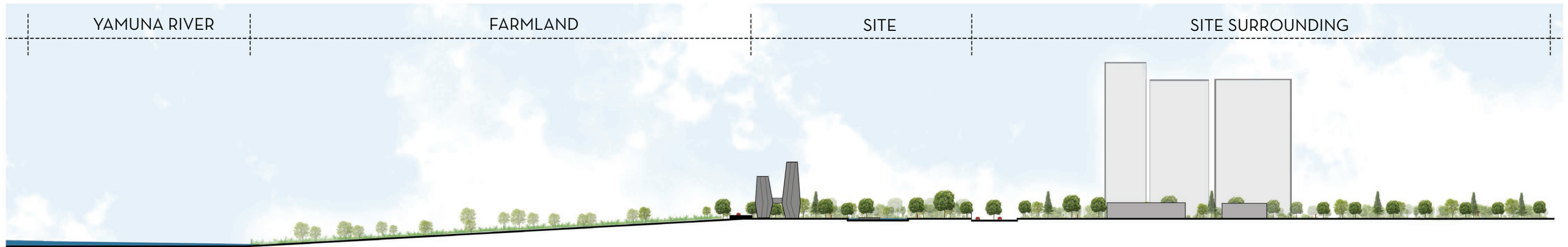




## LEGEND

1. MUSLIM GRAVE
2. MOSQUE
3. ENTRANCE FROM MUSLIM GRAVES
4. CHRISTIAN GRAVES
5. BIO- DEGRADABLE GRAVES
6. ENTRANCE FROM CHRISTIAN GRAVES
7. ENTRANCE FROM VERTICAL CEMETERY
8. VERTICAL CEMETERY
9. HINDU CREMATION
10. SHOPS
11. ENTRANCE PLAZA
12. LANDSCAPE FOR DENIAL
13. MEMORIAL WALLS
14. COLUMBARIUM
15. WATER FEATURE
16. SENSORY GARDEN
17. LANDSCAPE FOR BARGAINING
18. YOGA AND MEDITATION CENTRE
19. LANDSCAPE FOR DEPRESSION
20. LANDSCAPE FOR ACCEPTANCE
21. DORMS
22. PARKING





**SITE SECTIONS**

# RITUALISTIC LANDSCAPE

---

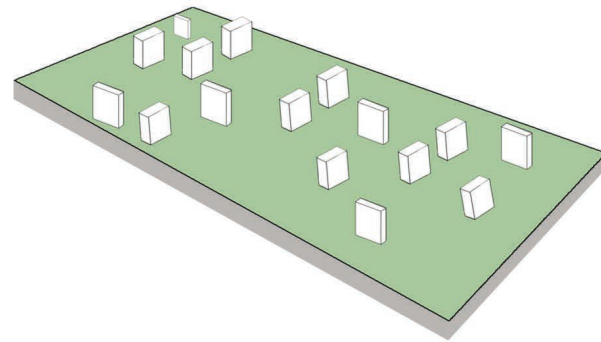


MUSLIM BURIAL

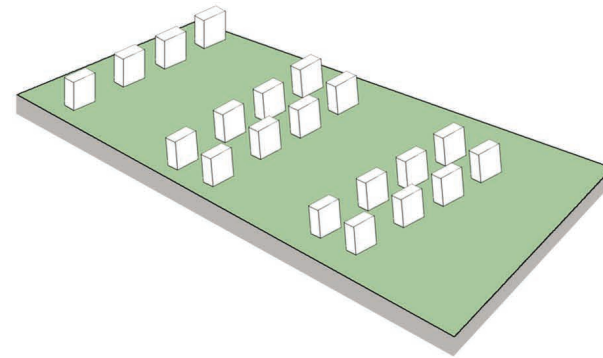




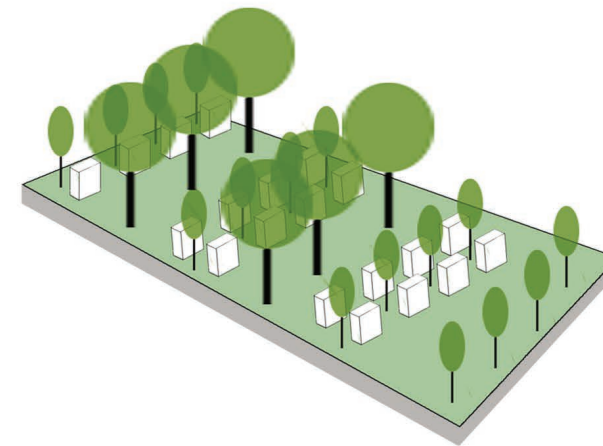
Unorganised Existing  
Graves



Headstones to create  
an identity



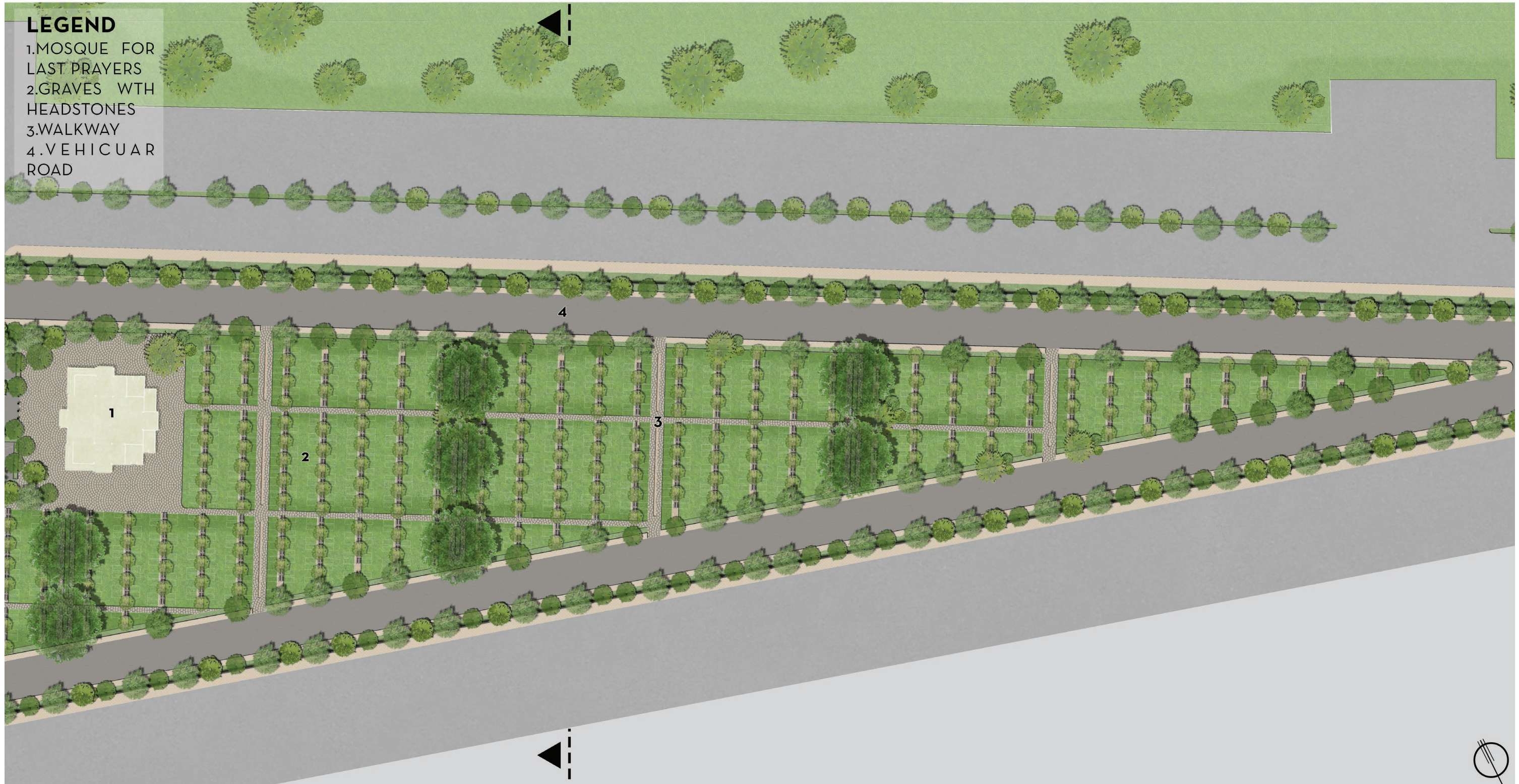
Space definition through the  
different heights of the trees





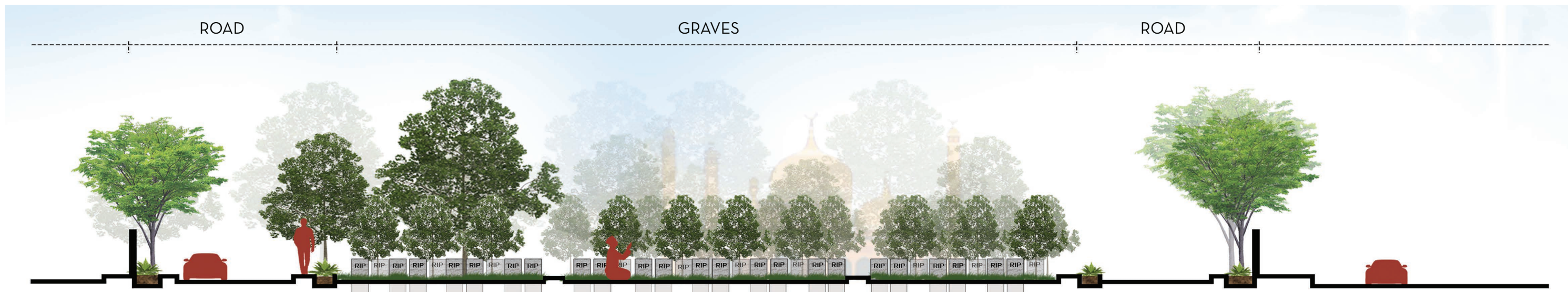
**LEGEND**

- 1.MOSQUE FOR LAST PRAYERS
- 2.GRAVES WTH HEADSTONES
- 3.WALKWAY
- 4.VEHICUAR ROAD



**PLAN**





TREES



Ficus Racemosa



Azadiracta Indica



Tectona Grandis



Eucalyptus Gobulus



Drypetes Roxburghii



Saraca Asoca

MATERIALS



Marble used in headstone



Grass on top of the grave



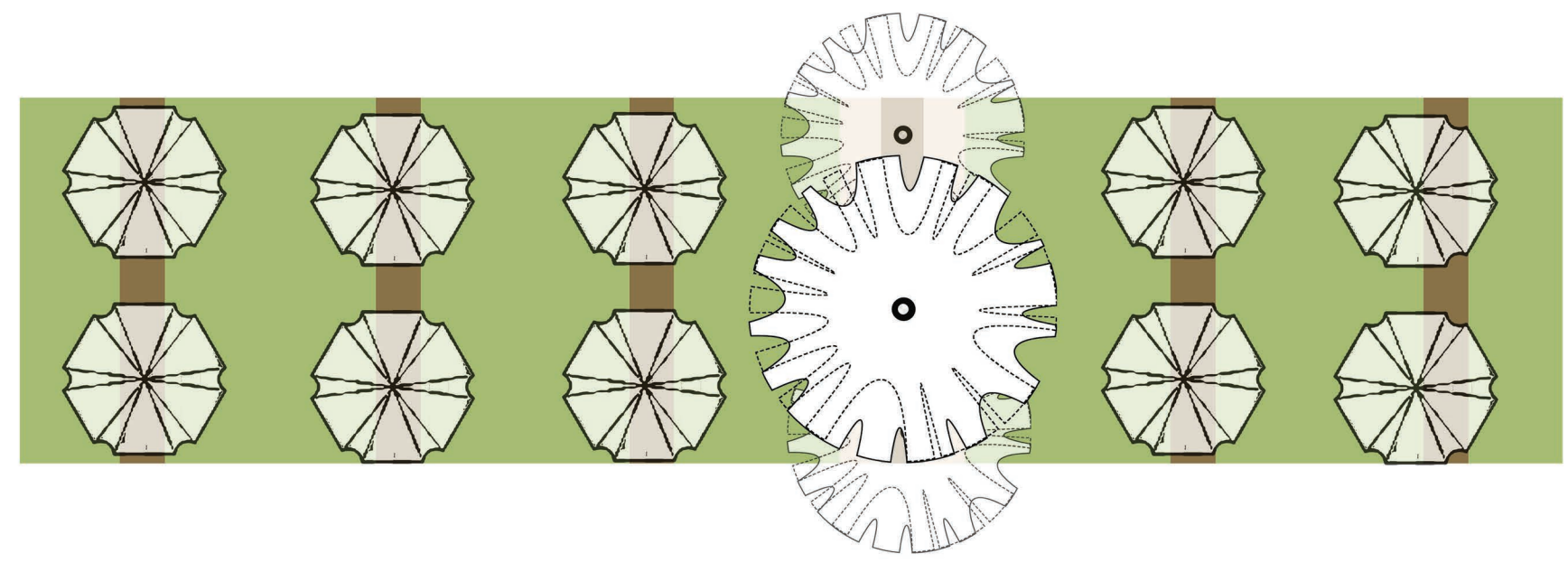
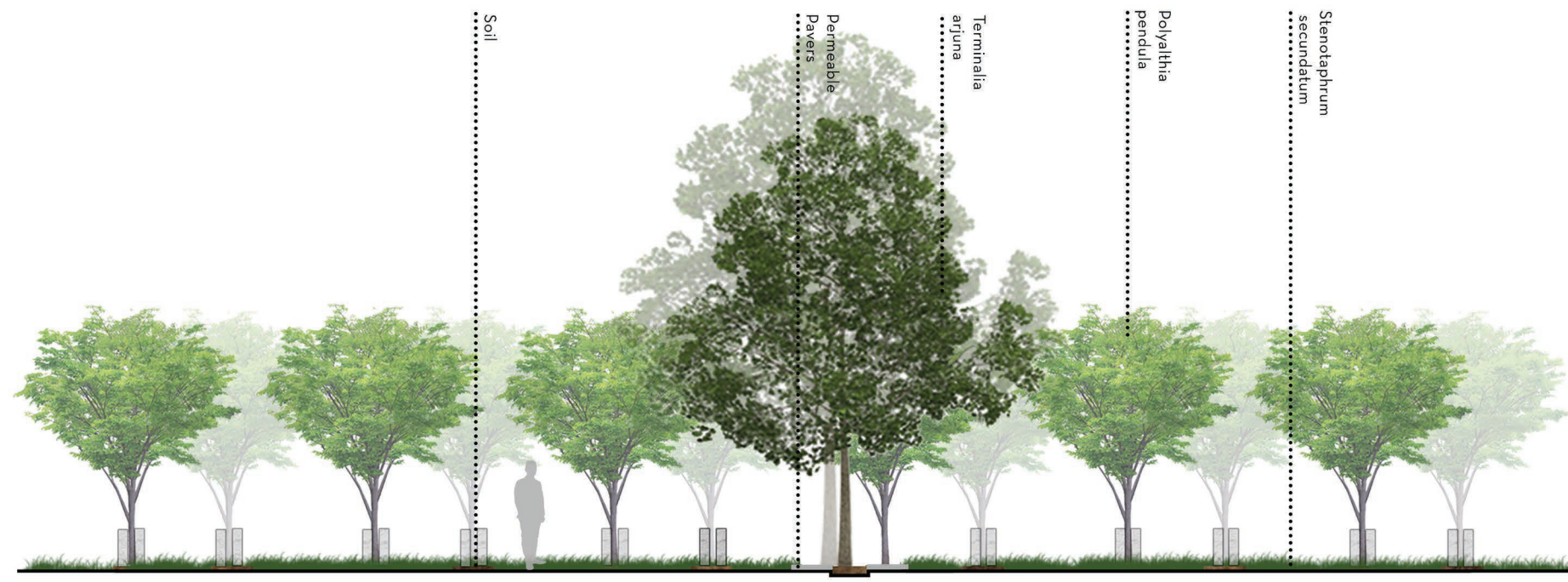
Permeable pavers used on path



Asphalt on vehicular road

SECTION AND LANDSCAPE DETAILS

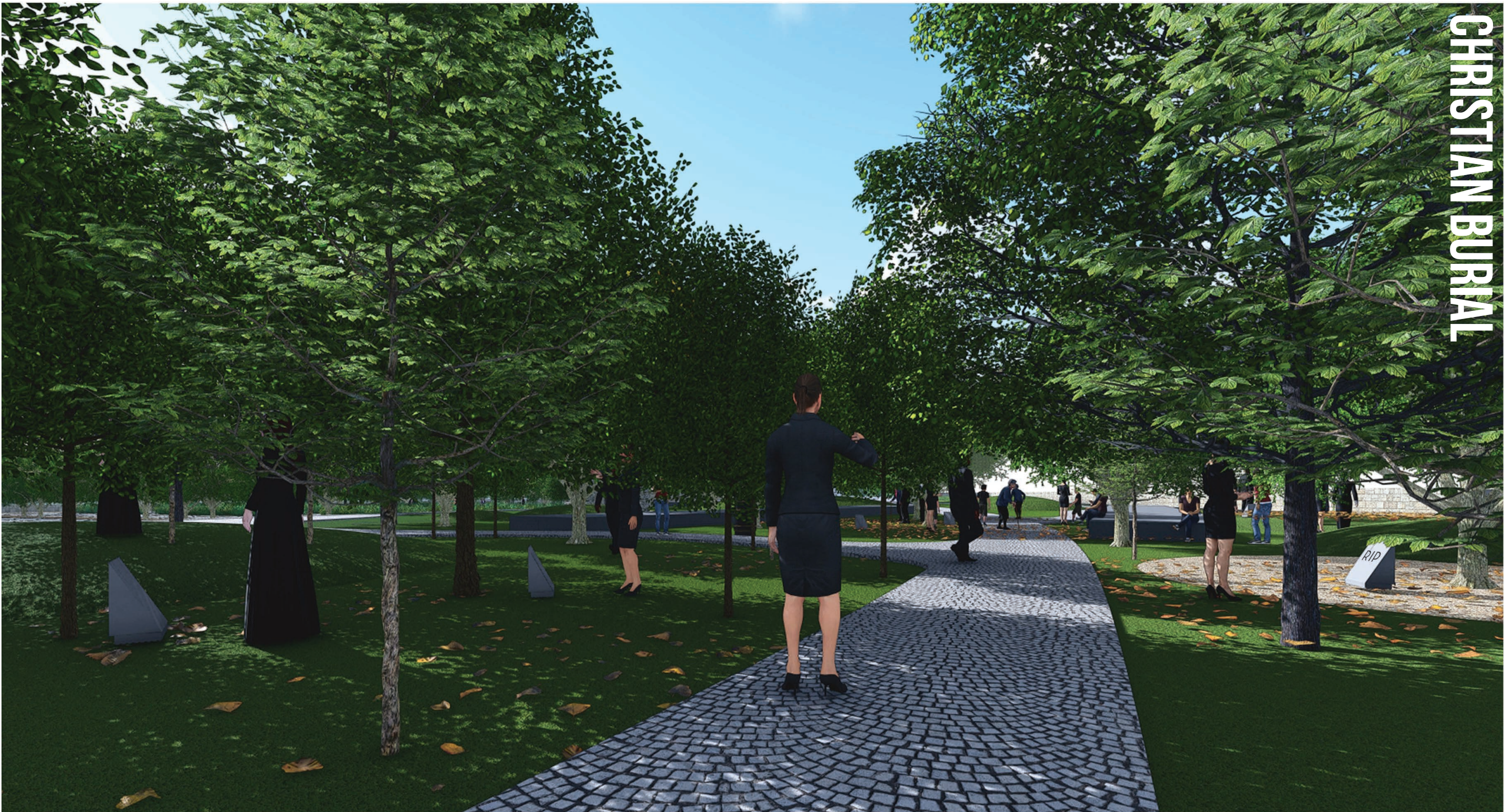




SECTION



CHRISTIAN BURIAL





0-1 Years

1-5 Years

5-10 Years

10-15 Years





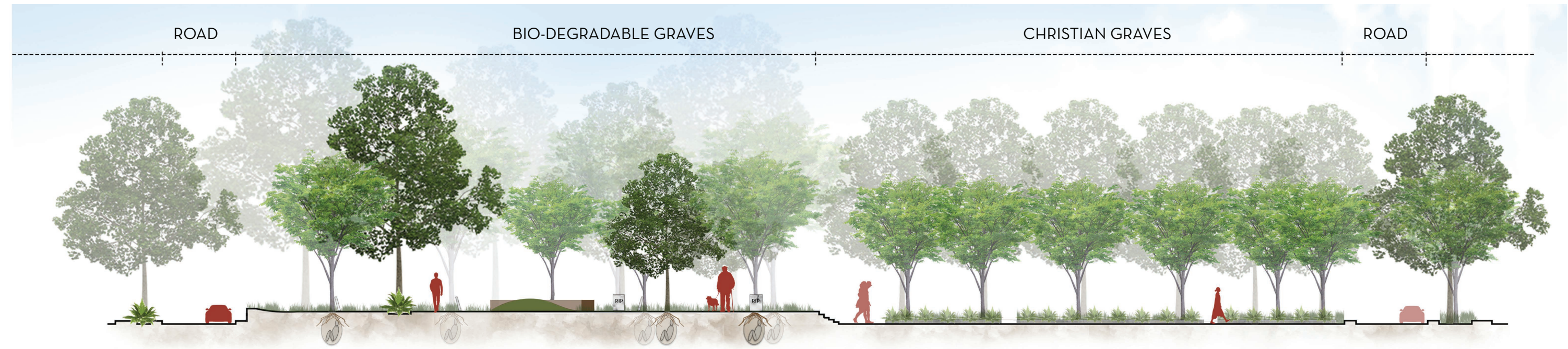
**LEGEND**

- 1.GRAVES
- 2.BUSHES
- 3.HIGH TREES
- 4.SEATING
- 5.SMAL MOUNDS
- 6.TREE PIT
- 7.PARKING



**PLAN**





TREES



Ficus Racemosa



Azadiracta Indica



Tectona Grandis



Eucalyptus Gobulus



Drypetes Roxburghii

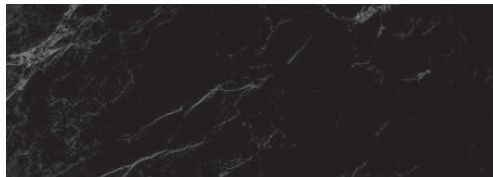


Saraca Asoca

MATERIALS



Marble used in headstone



Marble used in headstone



Permeable pavers used on path



Cement seating

SECTION AND LANDSCAPE DETAILS





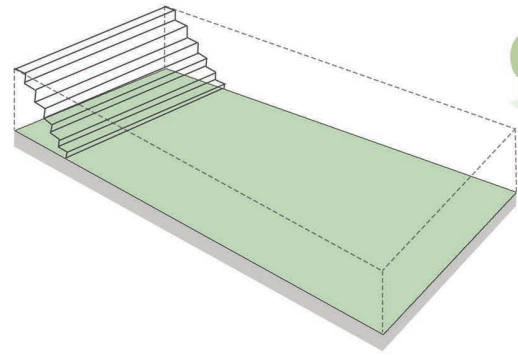


# HINDU CREMATION

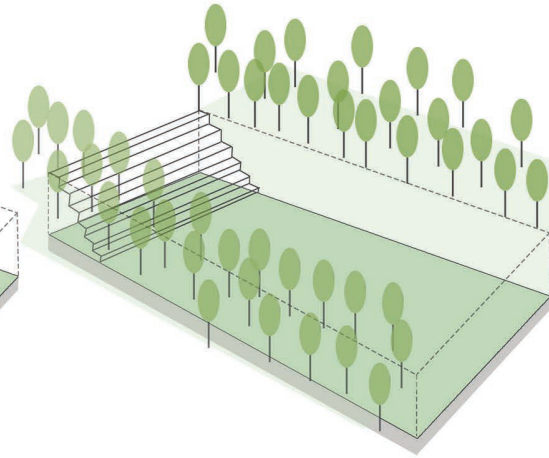




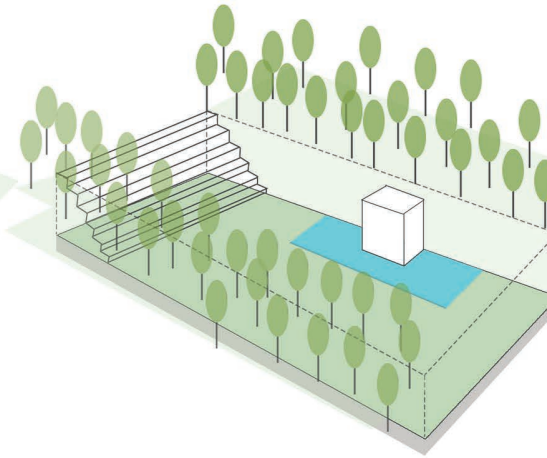
Designing with levels to create a Hindu Ghat



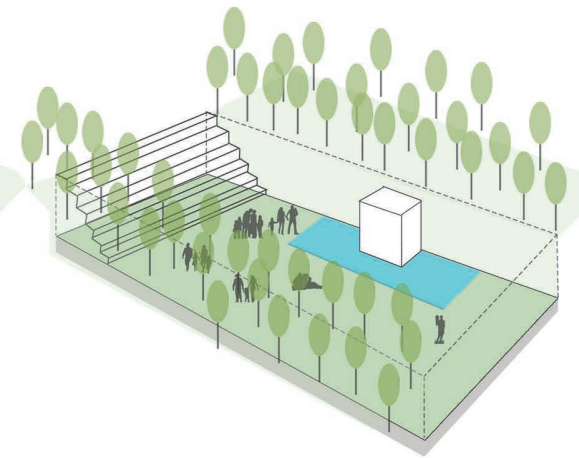
Landscape around the ghat for pollution control and buffer



Addition of god ido and water feature for peace



A large space for the people to mourn





# LEGEND

- 1.STEPS FOR GHAT
- 2.RAMP
- 3.WATER FEATURE
- 4.PLATFORM
- 5.CREMATION SPACE
- 6.GOD IDOL
- 7.SHOPS
- 8.EXPANSION AREA
- 9.PARKING
- 10.MAIN VEHICULAR ACCESS



PLAN





TREES



Ficus Racemosa



Azadiracta Indica



Tectona Grandis



Eucalyptus Gobulus



Drypetes Roxburghii

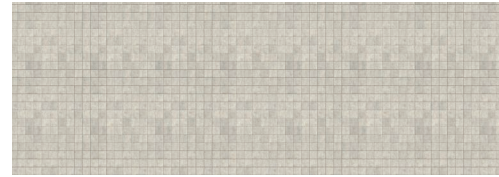


Saraca Asoca

MATERIALS



Permeable paver used in cremation area



Permeable paver used in cremation floor



Permeable pavers used on path



Clay tiles on roof top of shops and cremation area

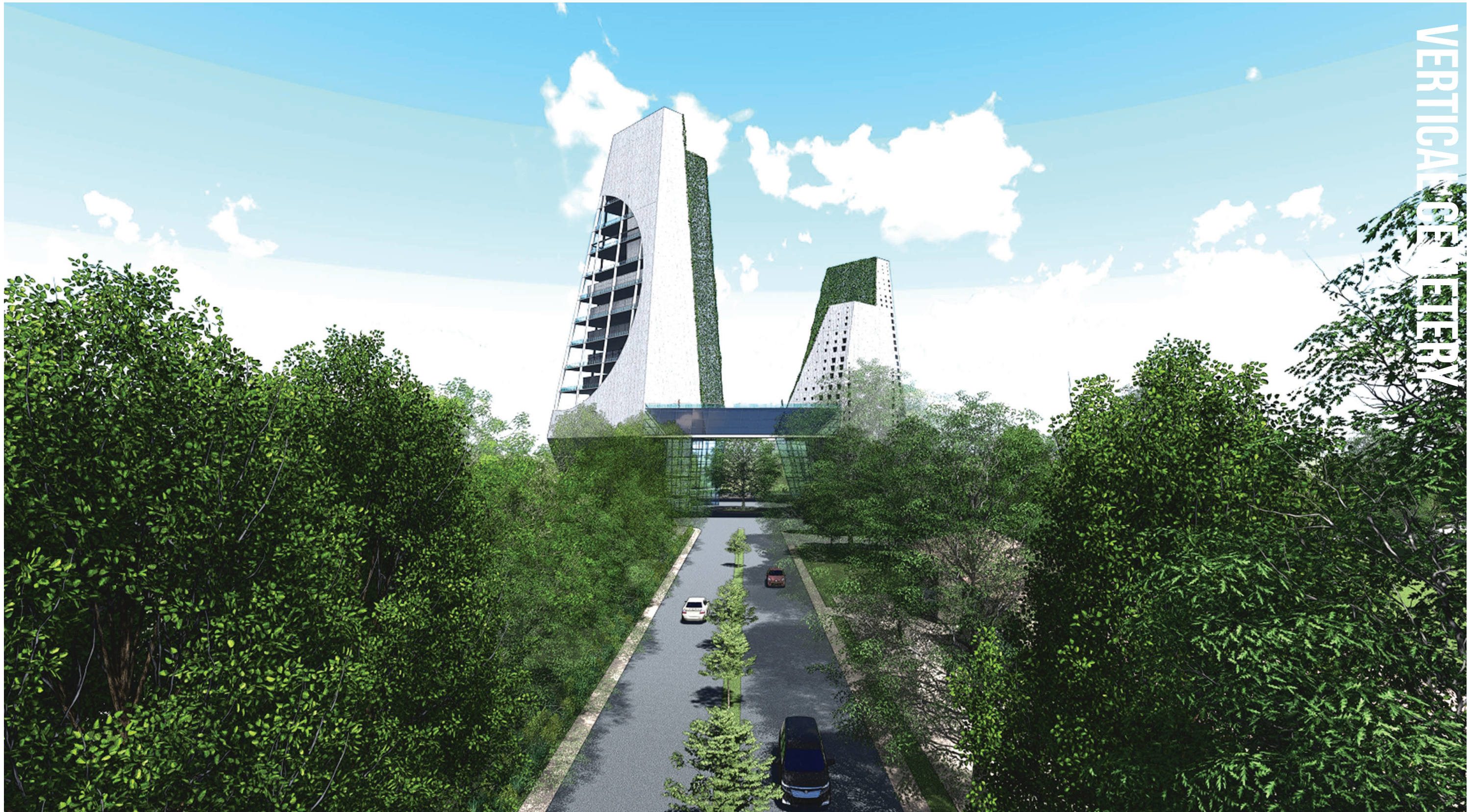
SECTION AND LANDSCAPE DETAILS







VERTICAL GEMETERY





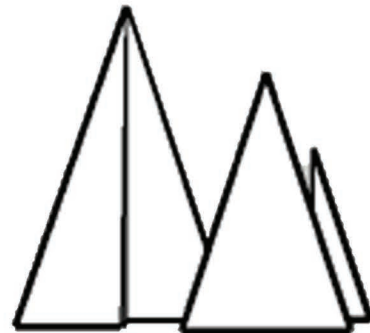
Generic Form



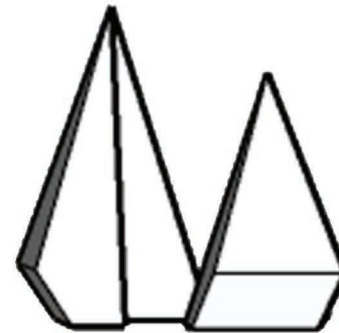
Pyramid



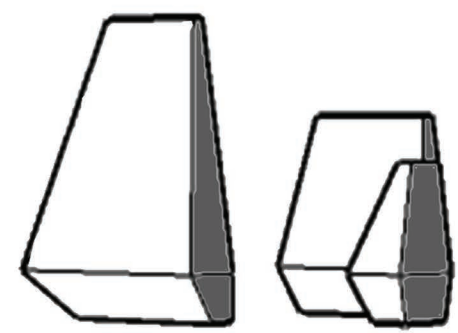
Division into three buildings



Adding Functions

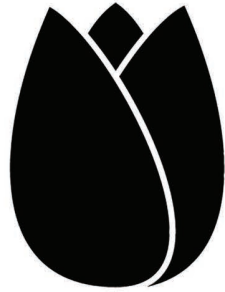


Final Built Form

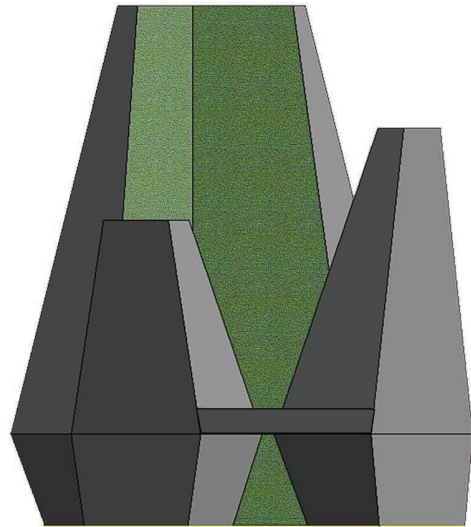




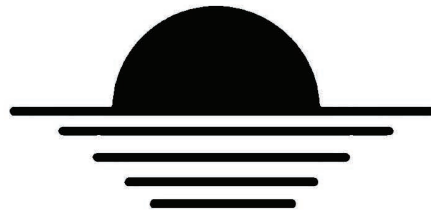
Elevation from Healing  
Landscape



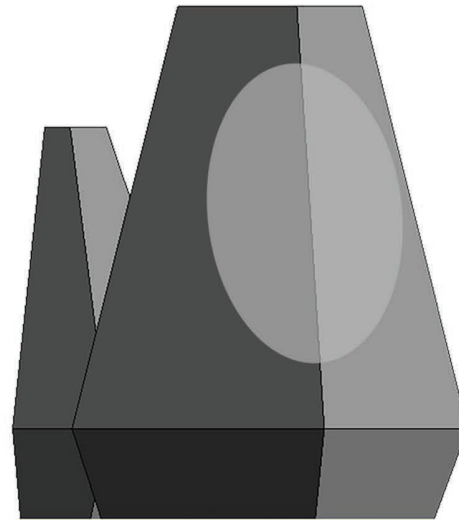
Tulip Flower



Elevation from  
Graves



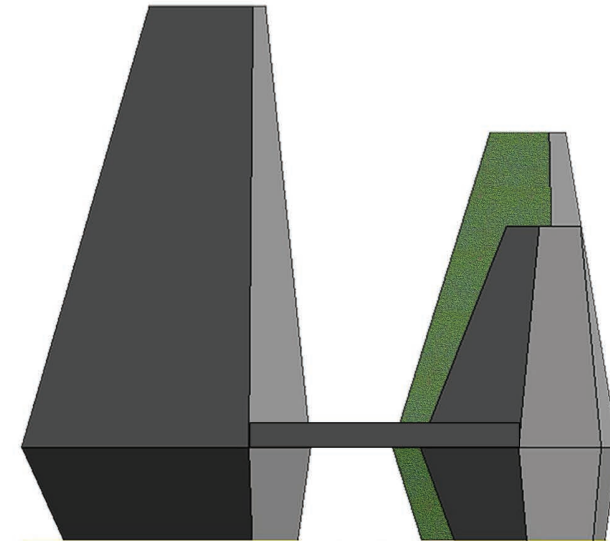
Sunrise



Elevation from  
Main Axis

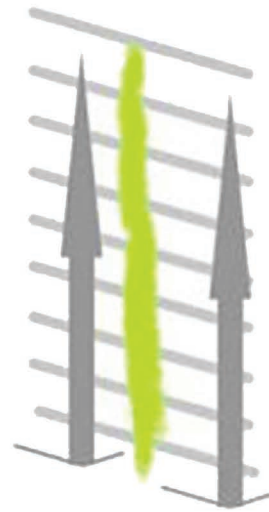


Gateway





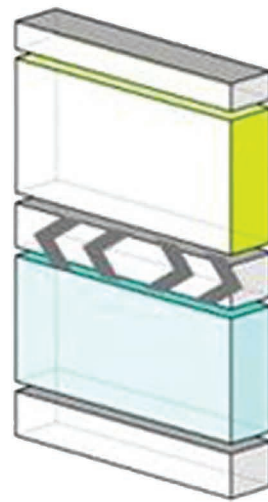
Vertical  
Towers



Vertical  
Circulation



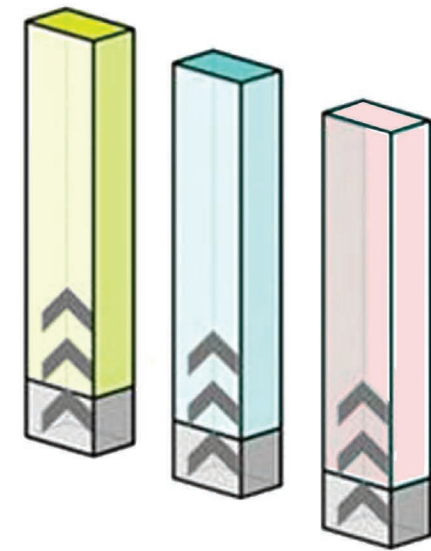
Horizontal  
Organisation



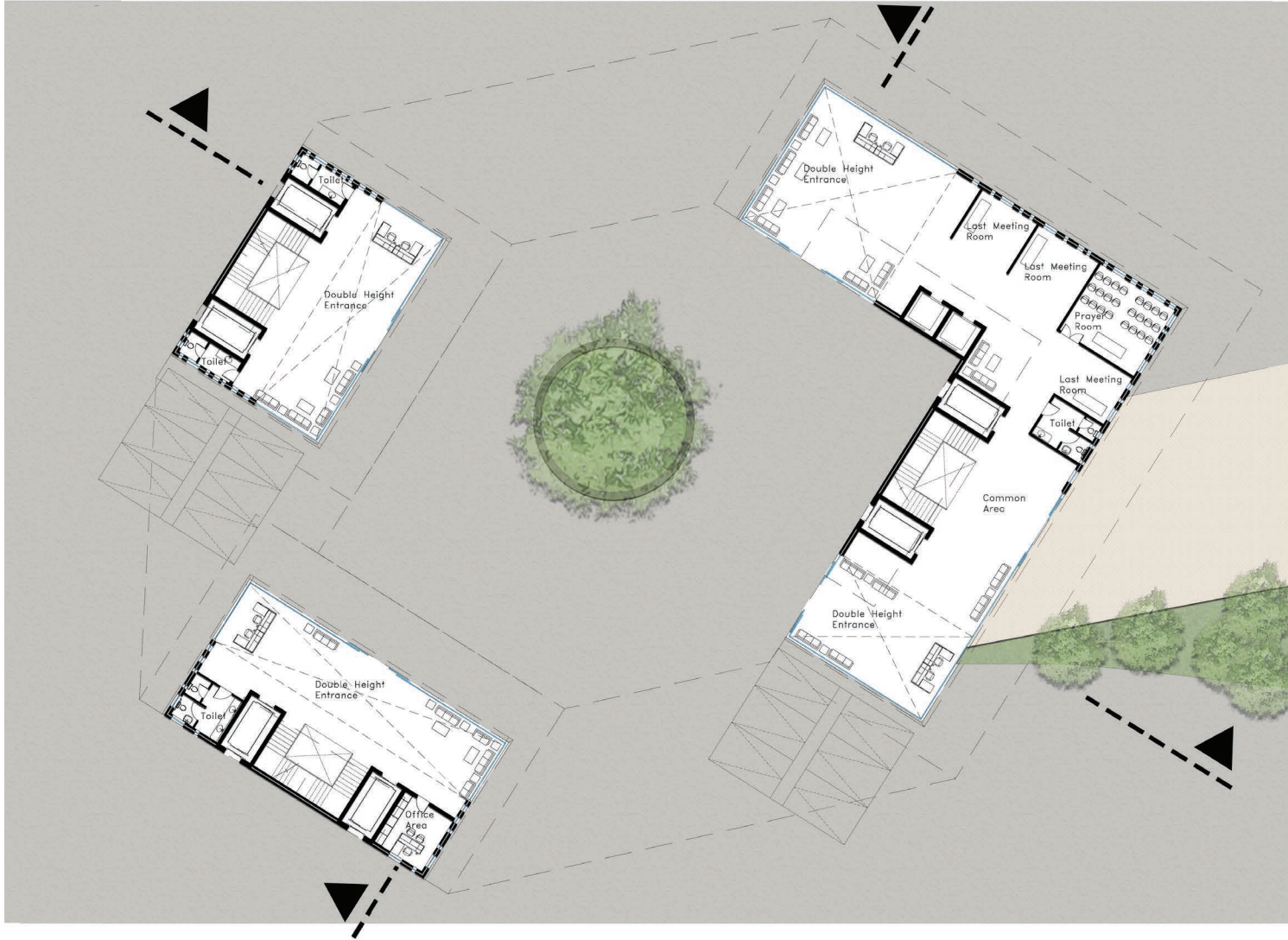
Green Facade  
Incorporation



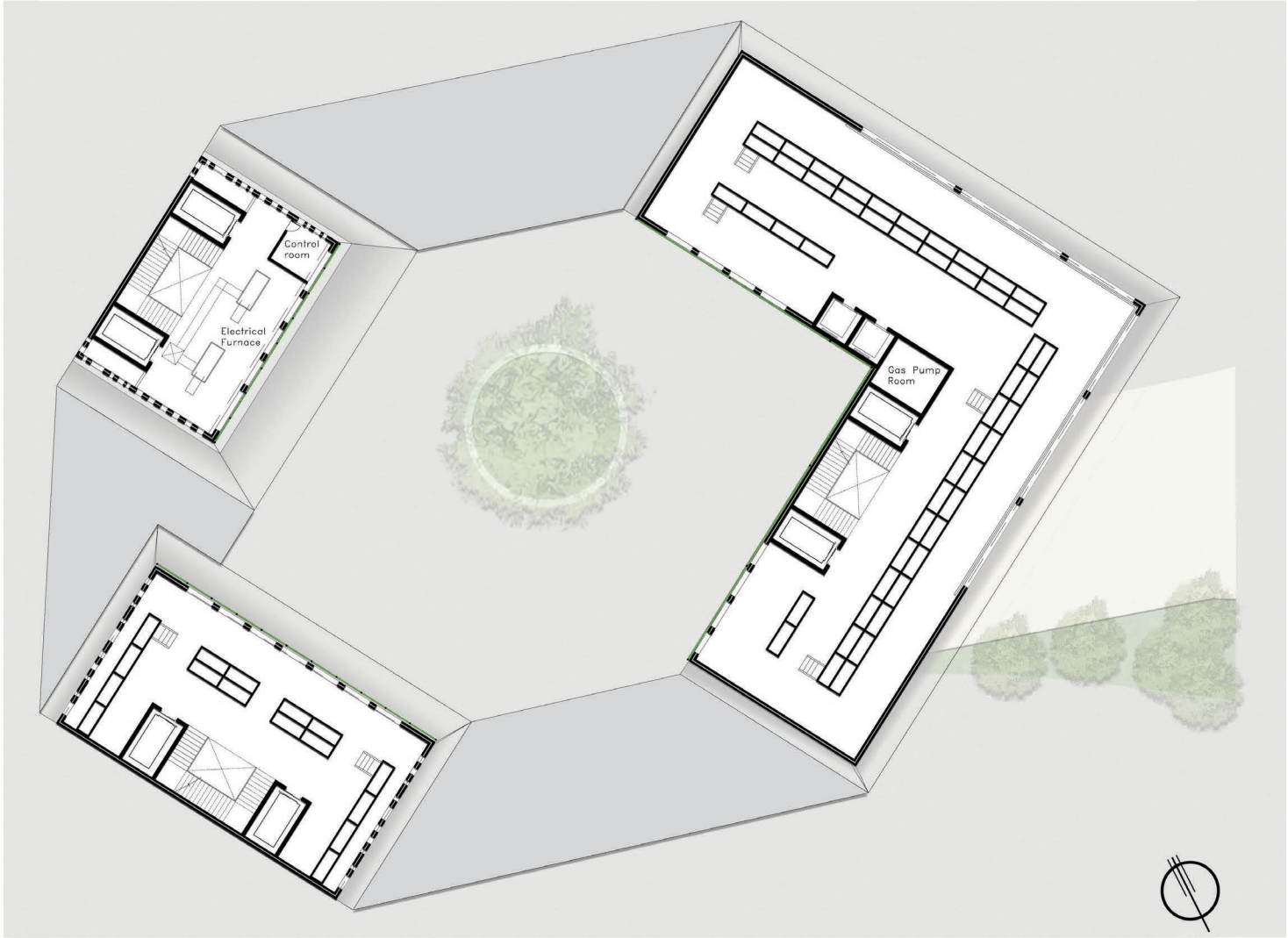
Multi-Religion  
Buildings





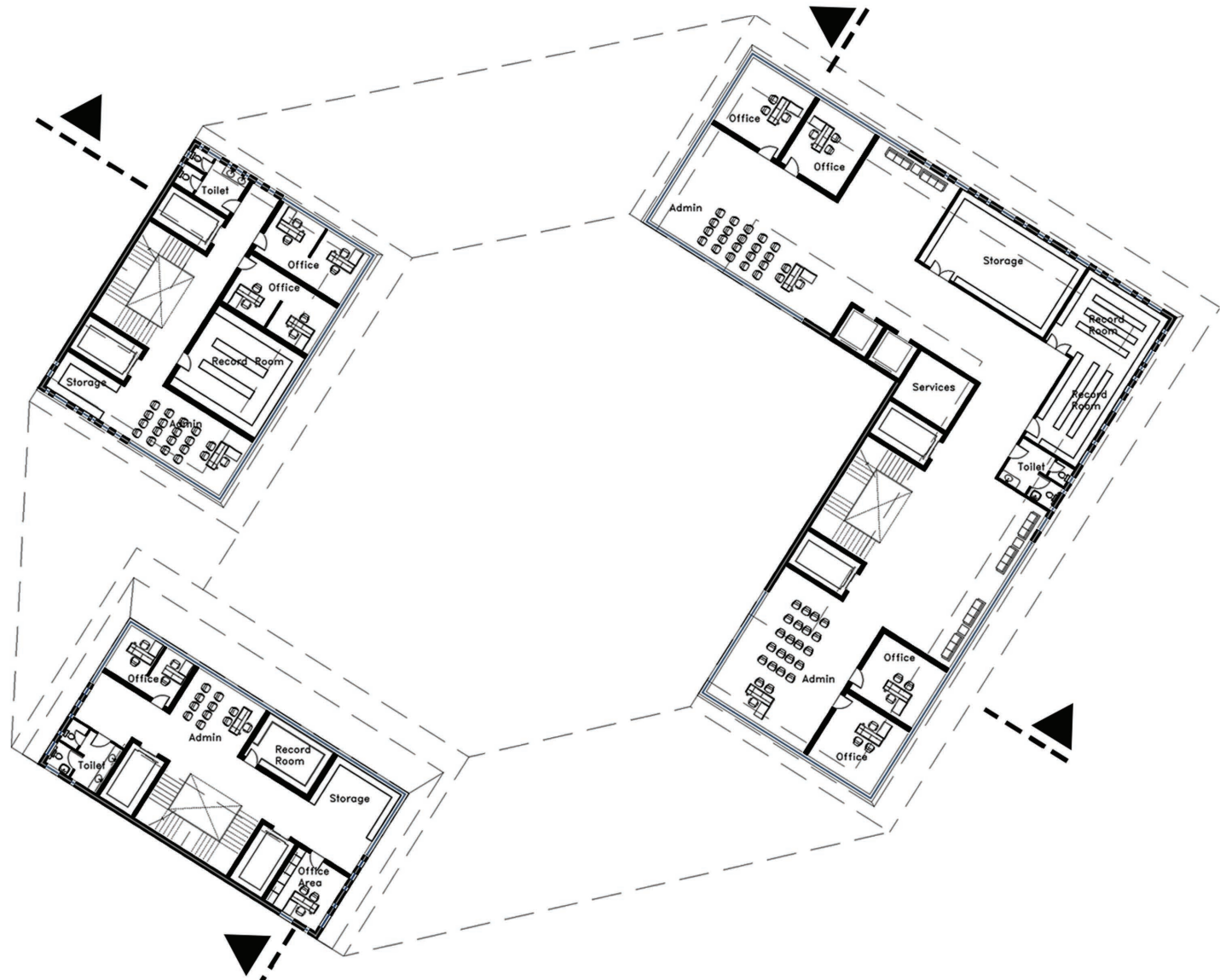


**GROUND FLOOR PLAN**

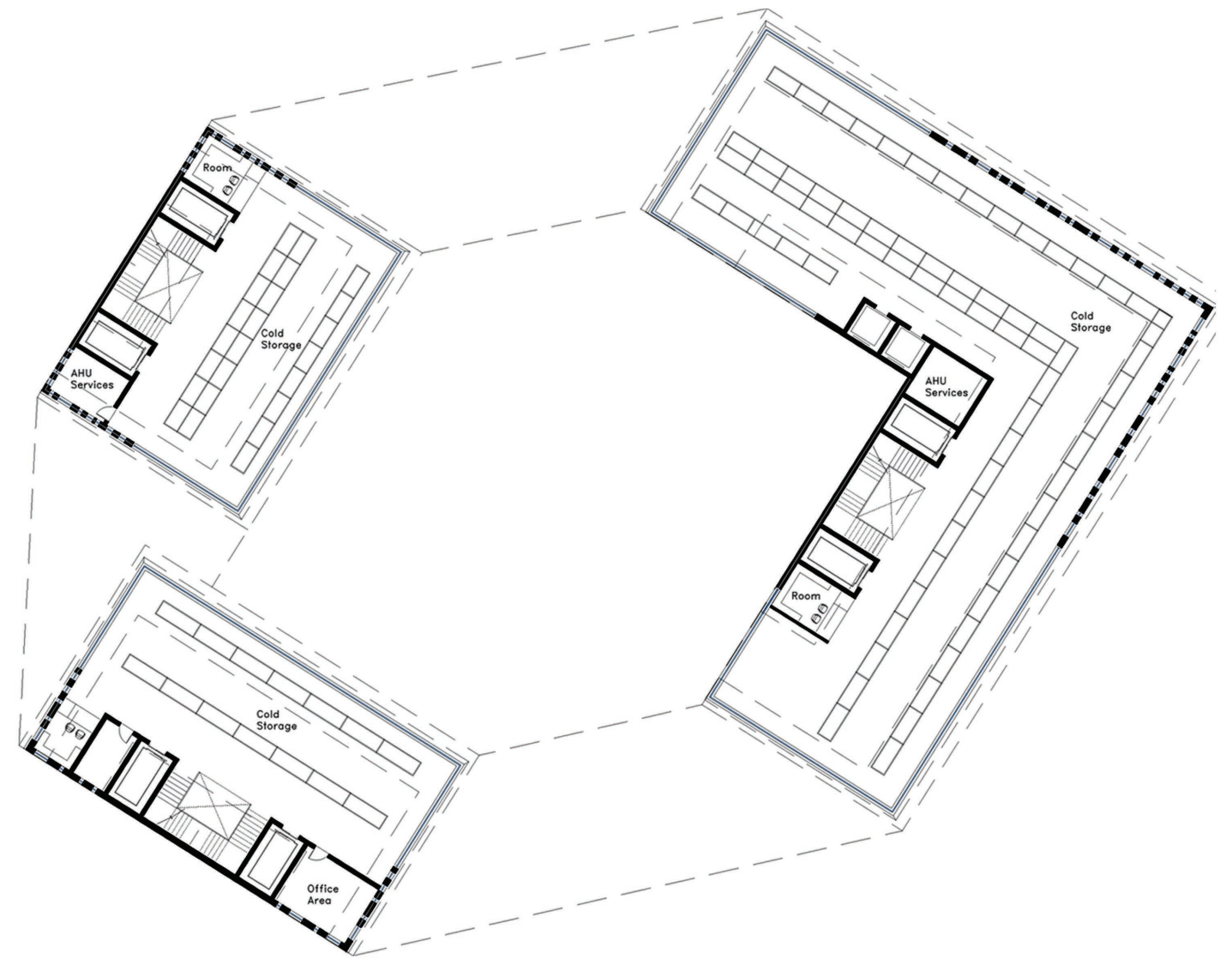


**TYPICAL FLOOR PLAN**



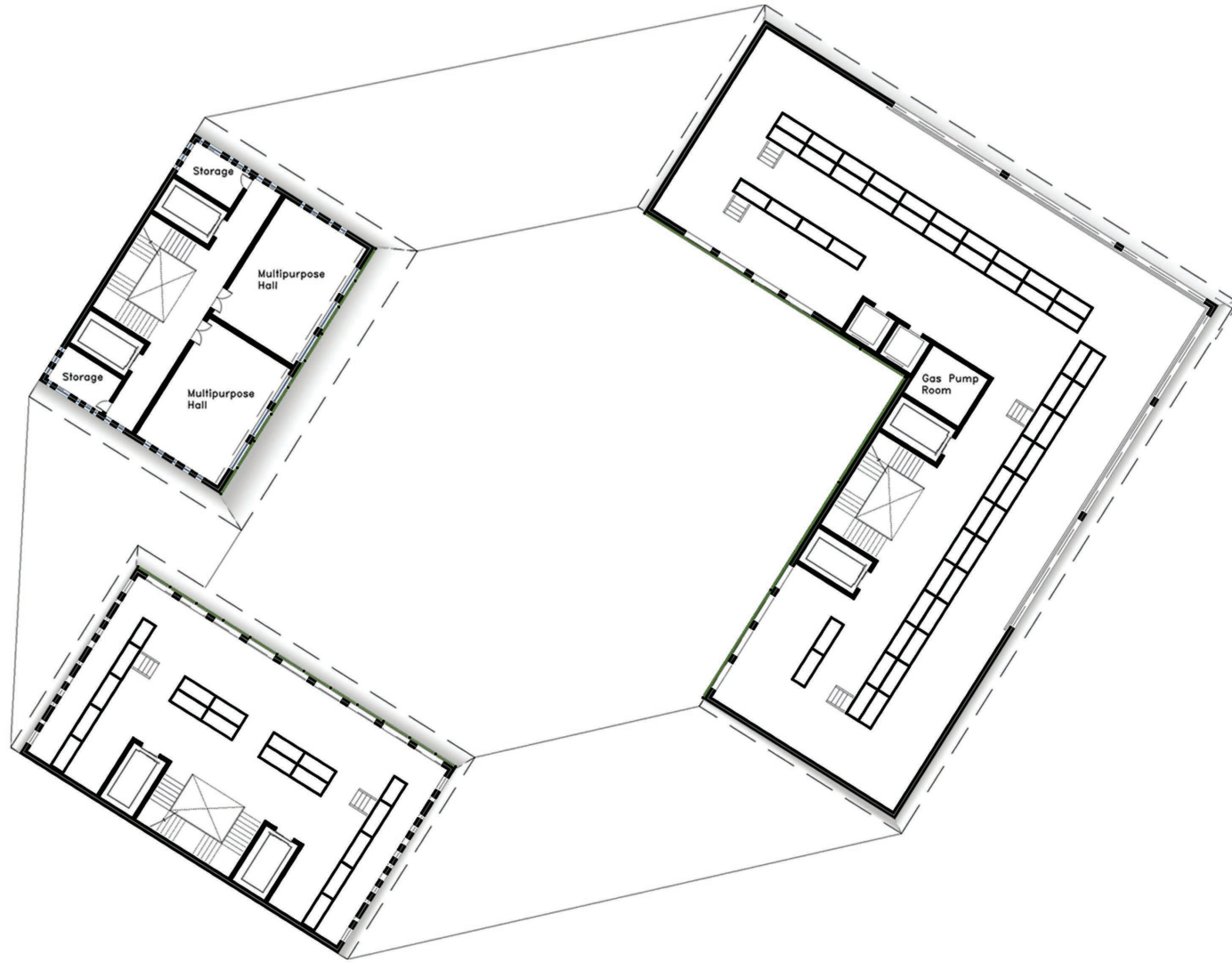


**SECOND FLOOR PLAN**

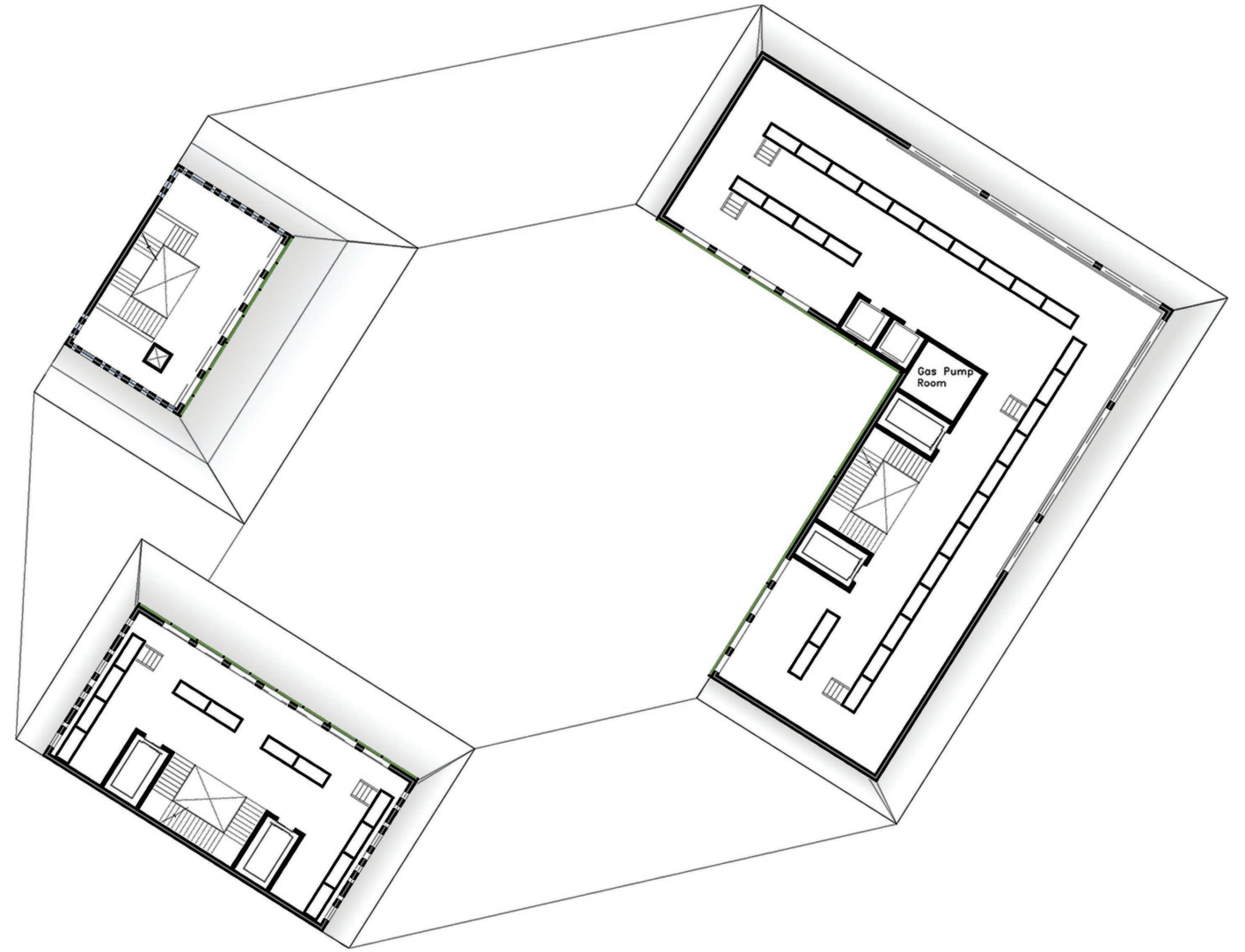


**THIRD FLOOR PLAN**





**FIFTH FLOOR PLAN**



**TYPICAL FLOOR PLAN**

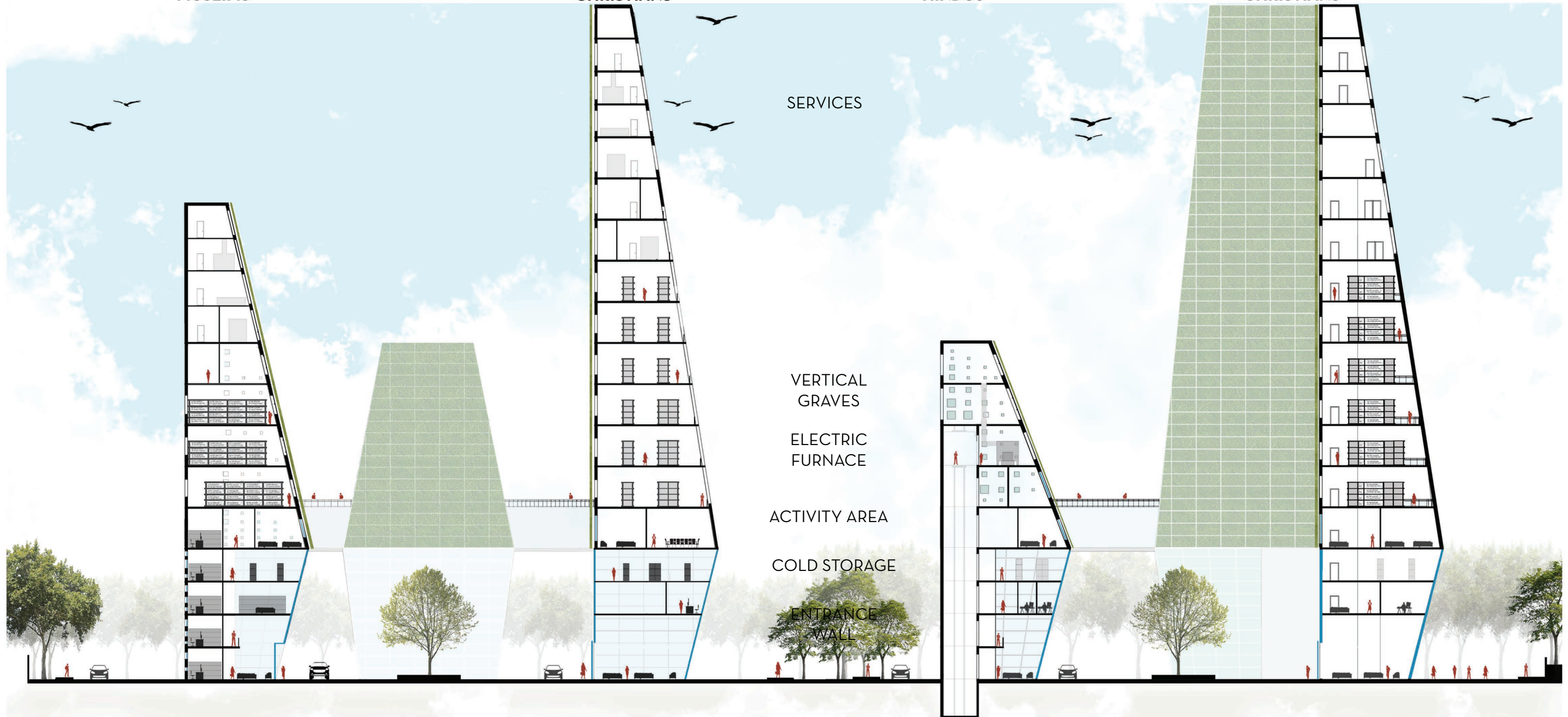


MUSLIMS

CHRISTIANS

HINDUS

CHRISTIANS



SERVICES

VERTICAL GRAVES

ELECTRIC FURNACE

ACTIVITY AREA

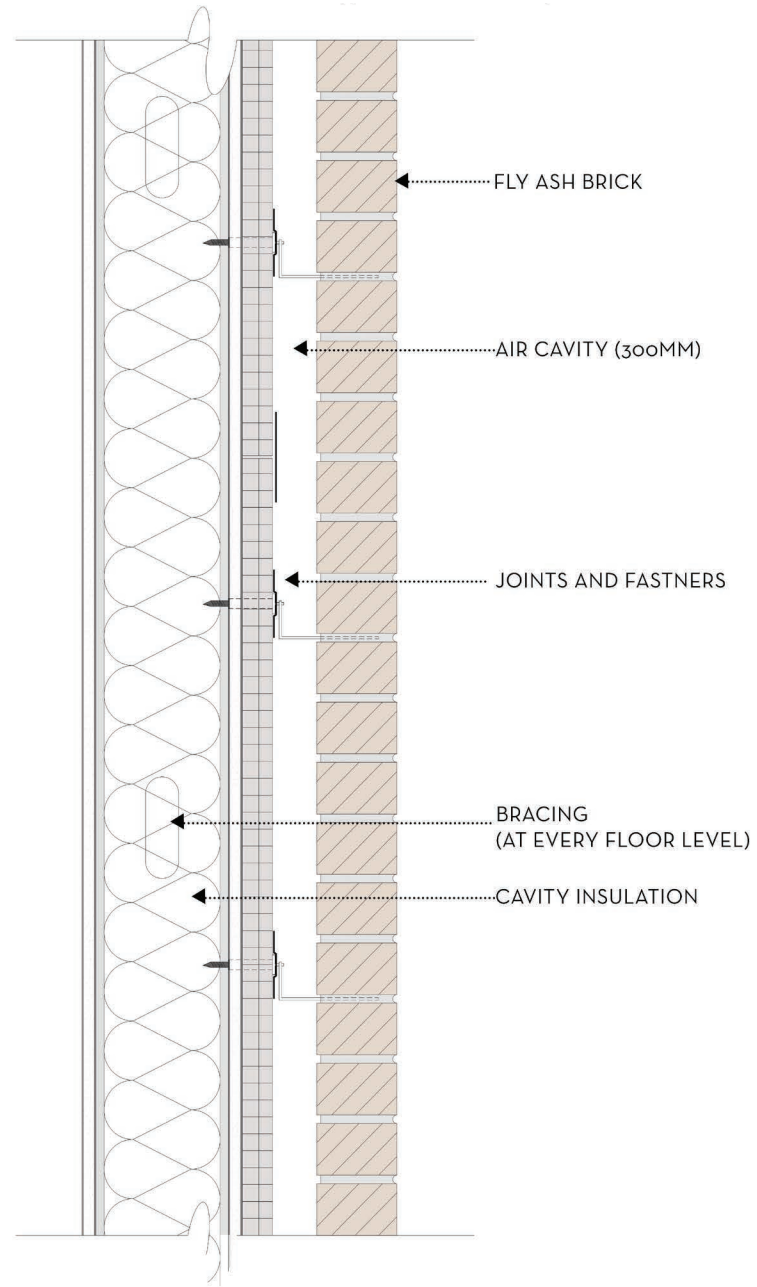
COLD STORAGE

ENTRANCE WALL

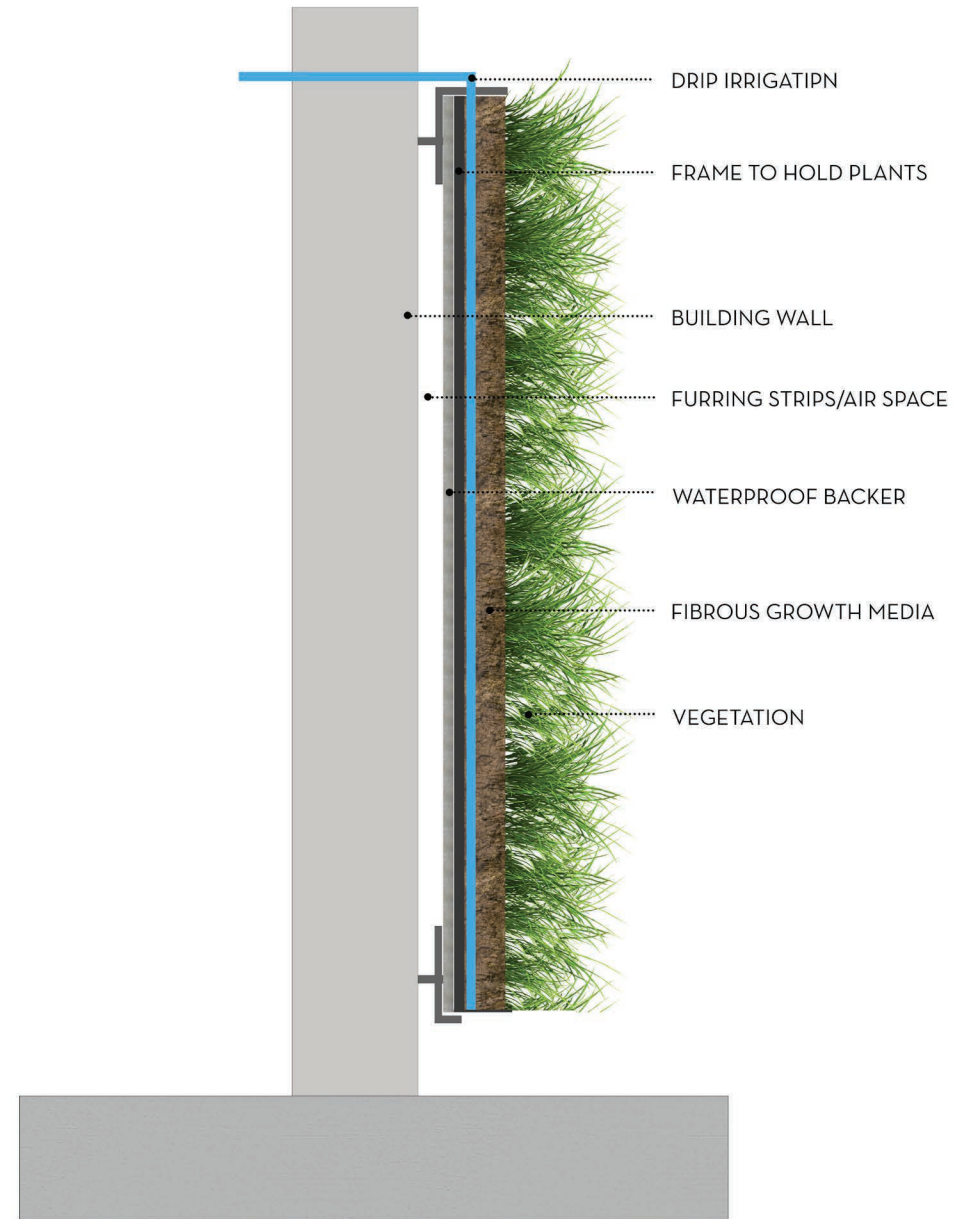
SECTION



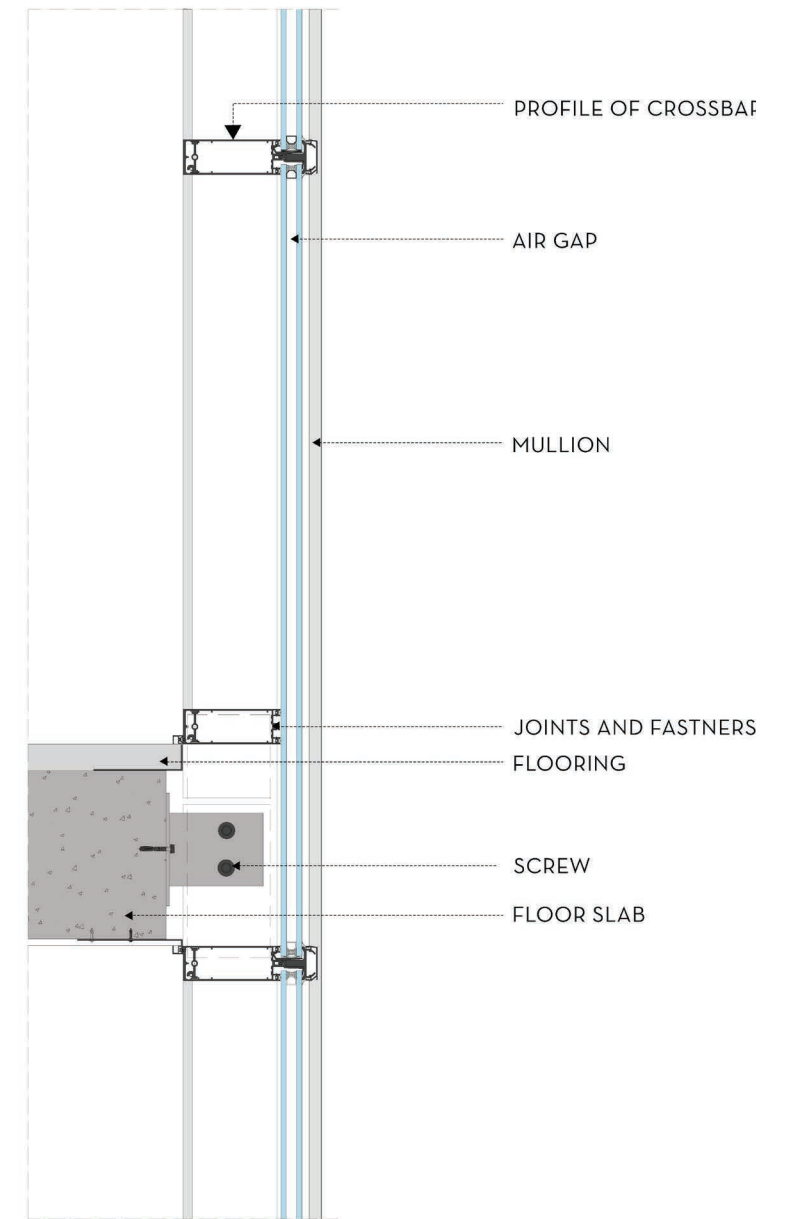
### WALL INSULATION (500MM)



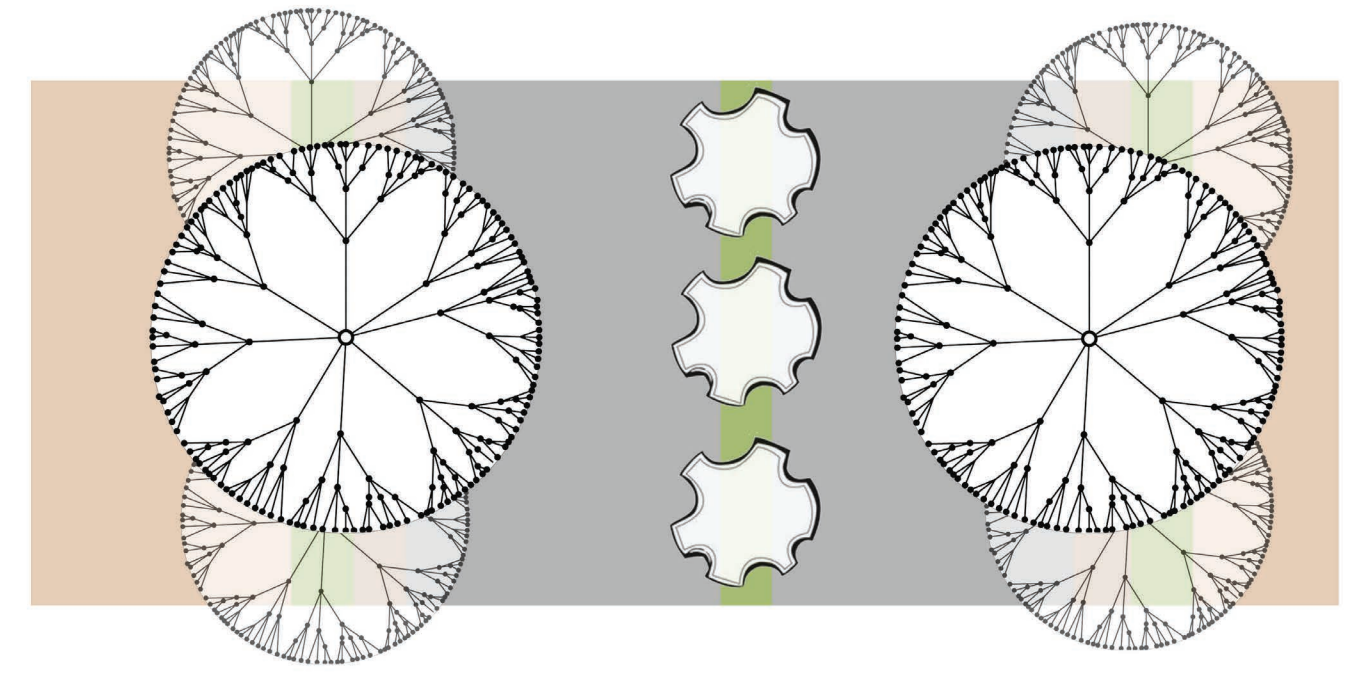
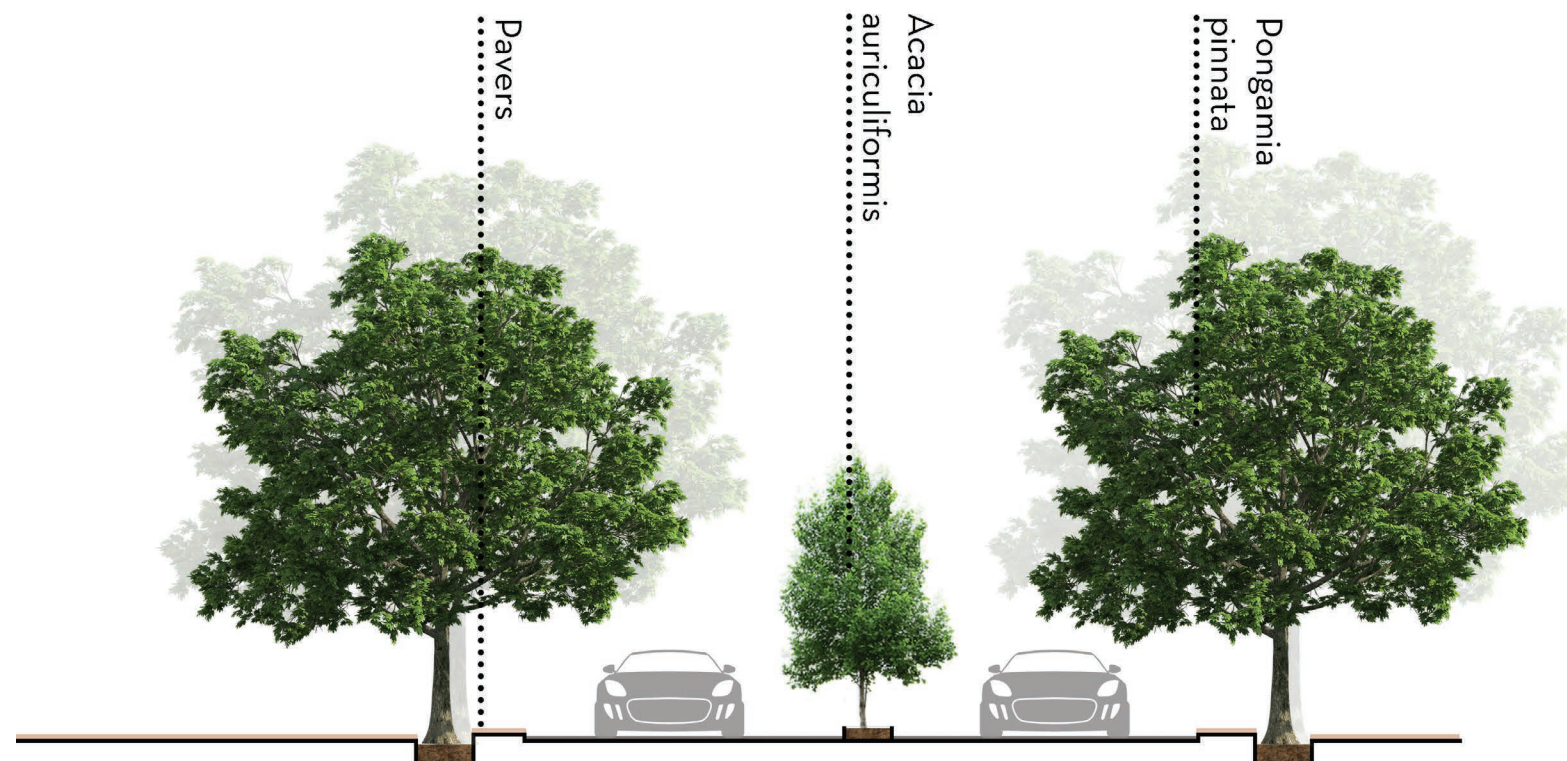
### VERTICAL GARDEN



### CURTAIN WALL



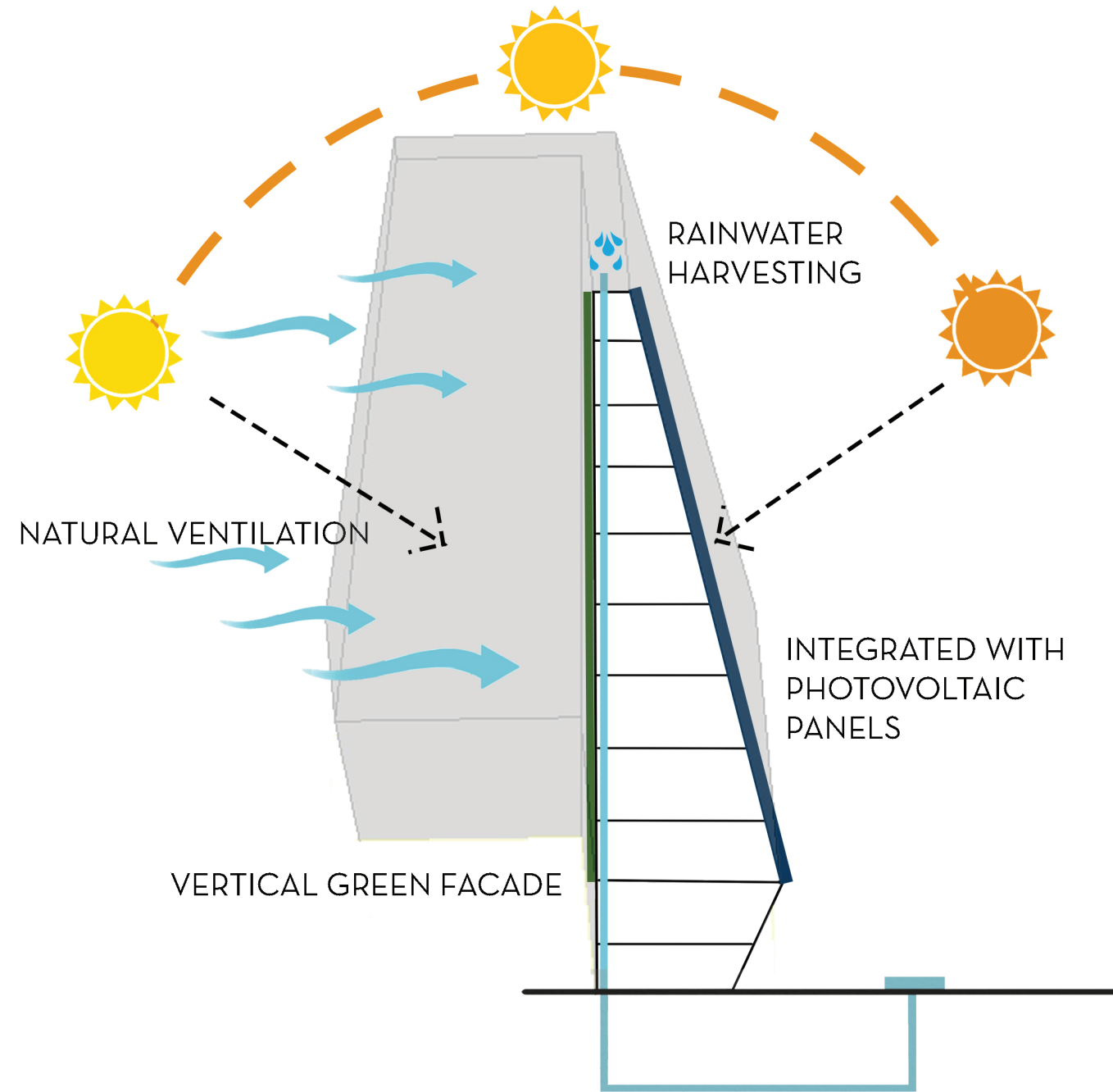




Pathway Planter Road Divider Road Planter Pathway

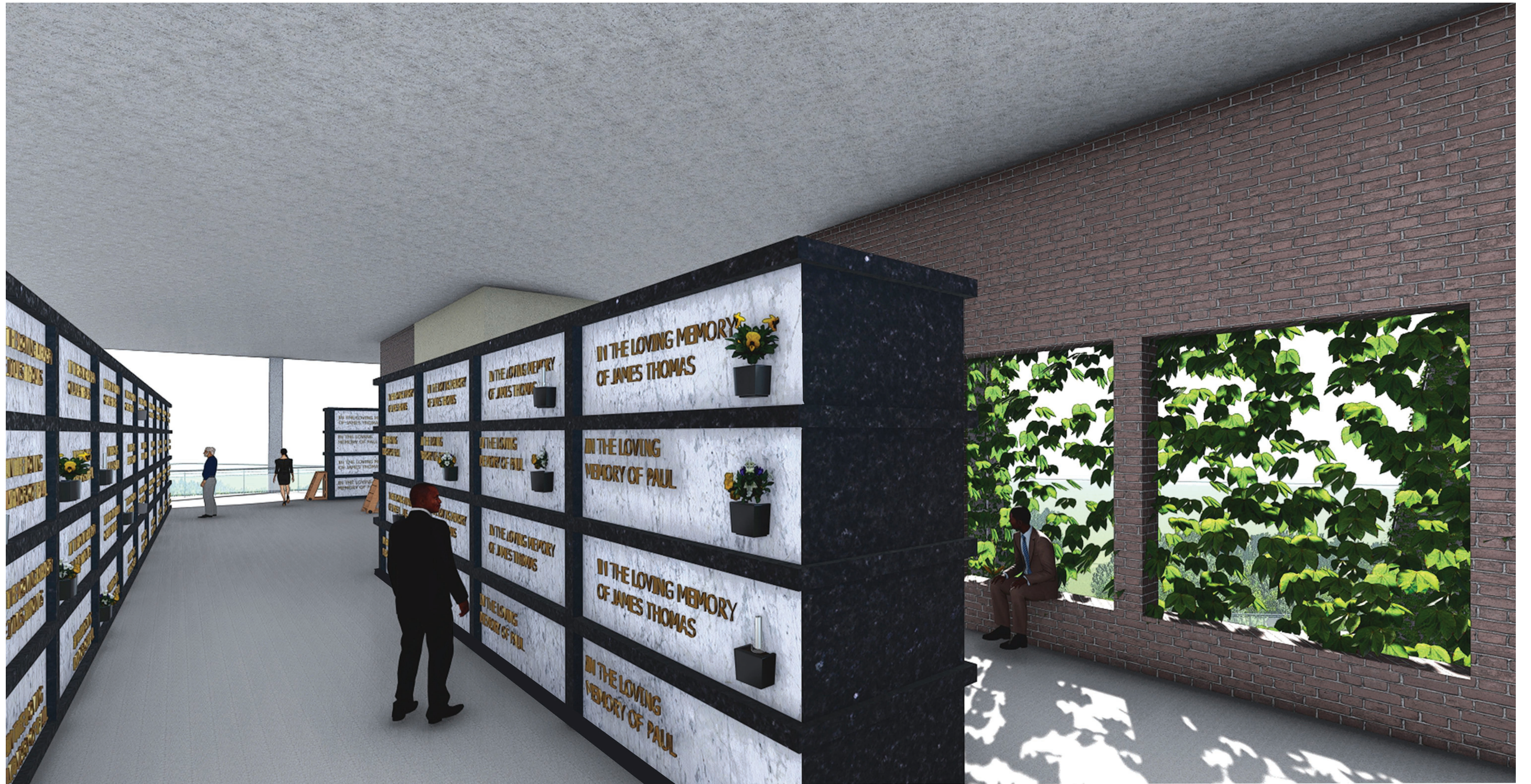
SECTION





**REDUCED ECOLOGICAL IMPACT**







# HEALING LANDSCAPE

---

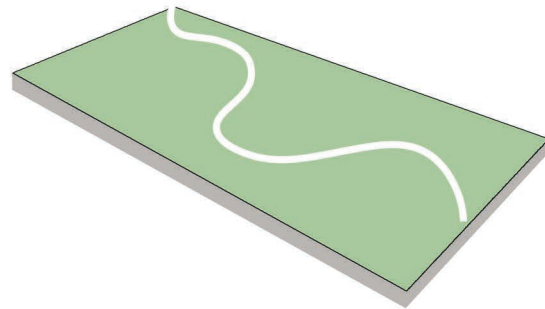




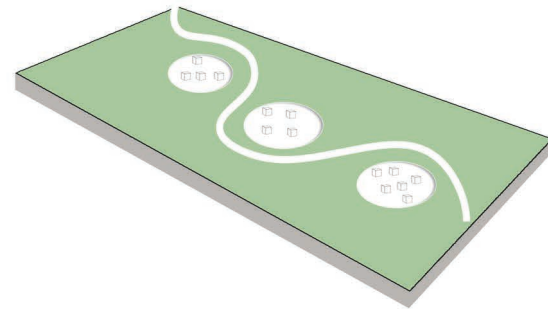
DENIAL



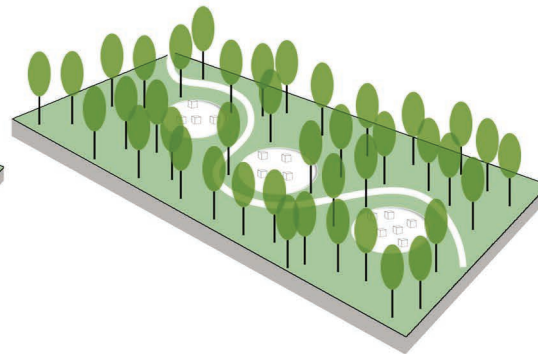
Creating a path through greens



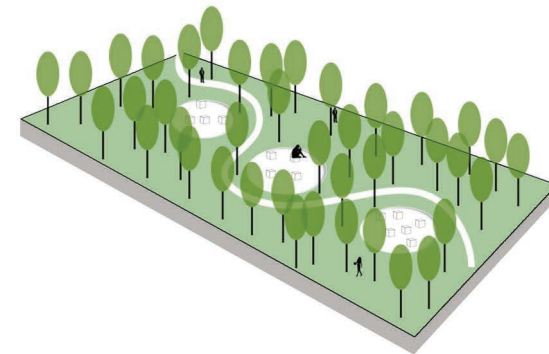
Division of spaces



Using Landscape as buffer between different spaces



Designing shaded areas for peaceful and clear emotion





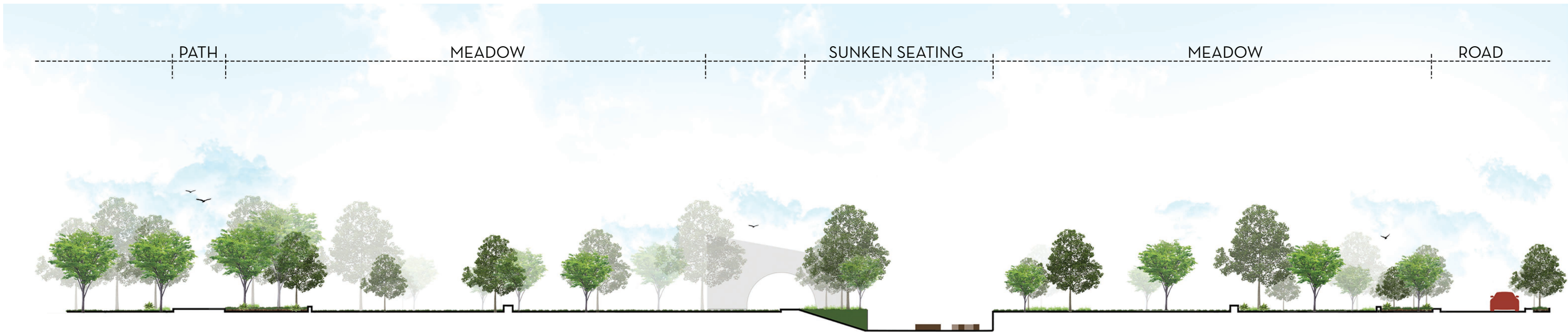
**LEGEND**

- 1. BUFFER BETWEEN DENIAL AND ACCEPTANCE
- 2. SUNKEN SEATING
- 3. DARK ROOM
- 4. INSTALLATION
- 5. SEPARATE SEATINGS



**PLAN**





TREES



Millettia Pinnata



Ficus Benjamina



Styphnolobium Japonicum



Eucalyptus Gobulus



Saraca Asoca

MATERIALS



White concrete used in dark room



Wooden seating



Permeable pavers used on path



Cement used in sunken seats

SECTION AND LANDSCAPE DETAILS





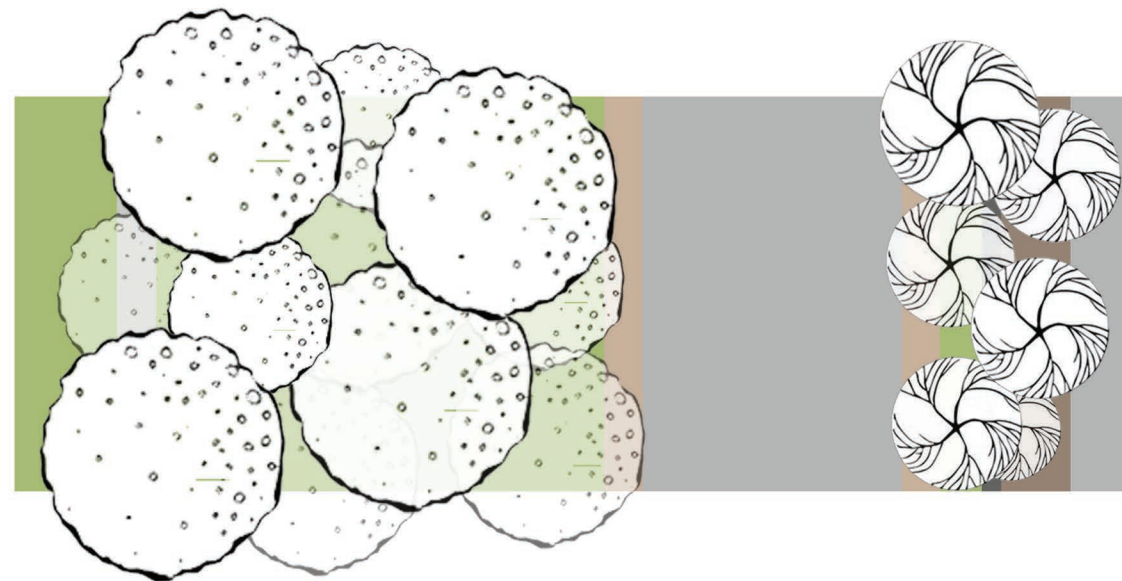
Seating /  
Ledge

Buffer Zone

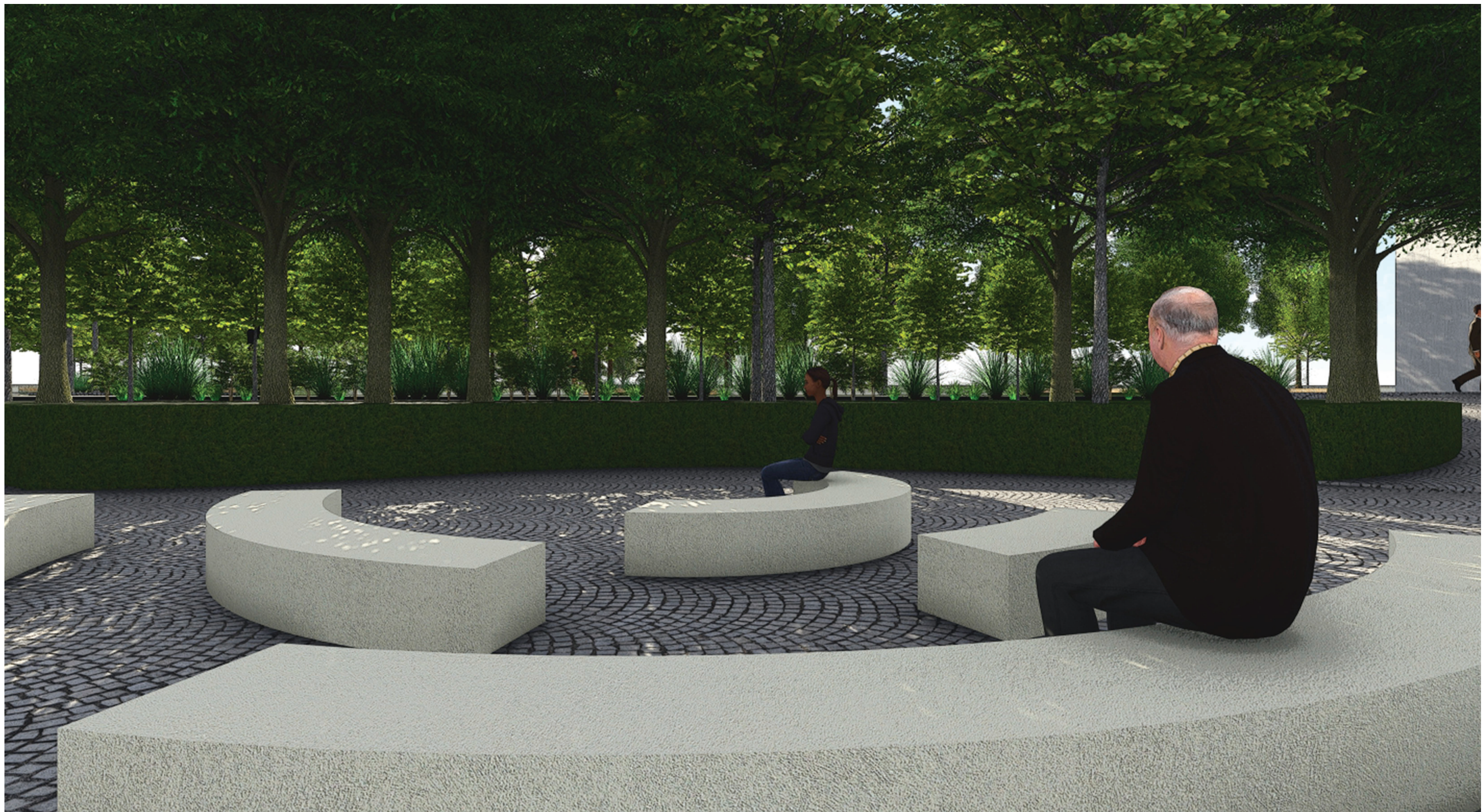
Pedestrian

Road

Pedestrian  
Planter





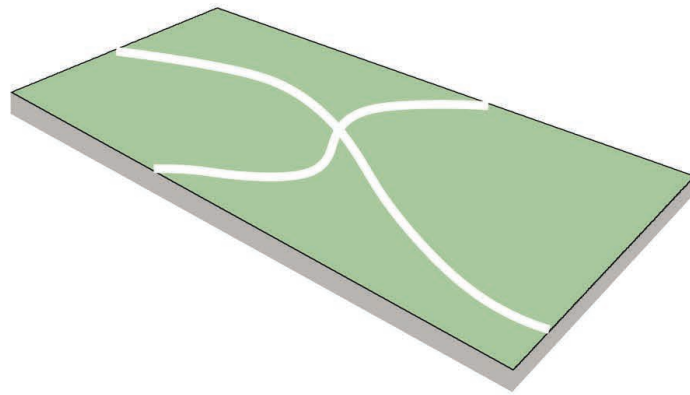




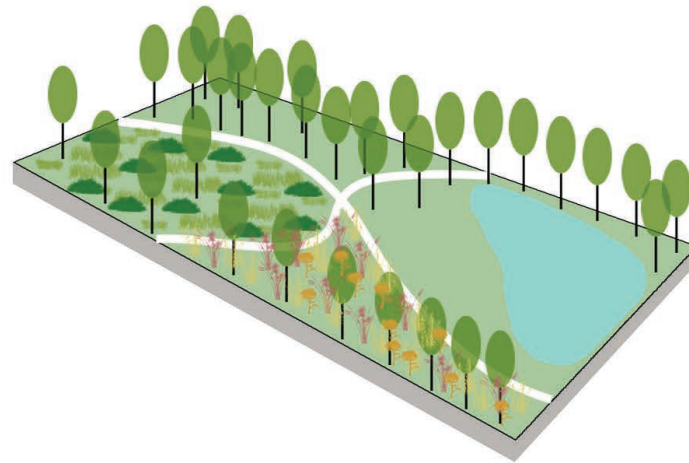




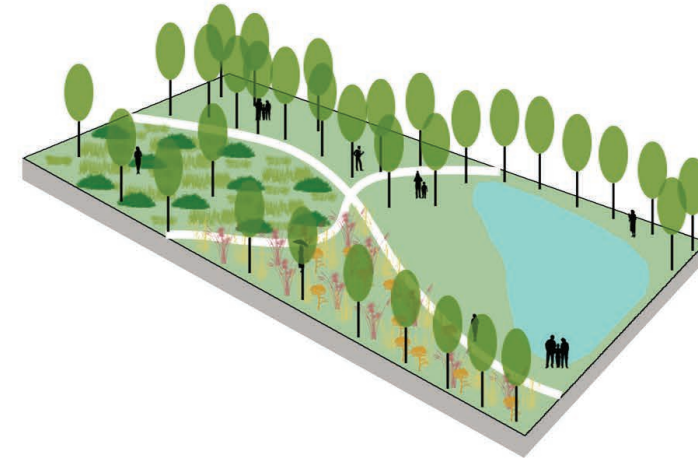
Creating a Path through the greens



Division of spaces through sensory garden and water feature



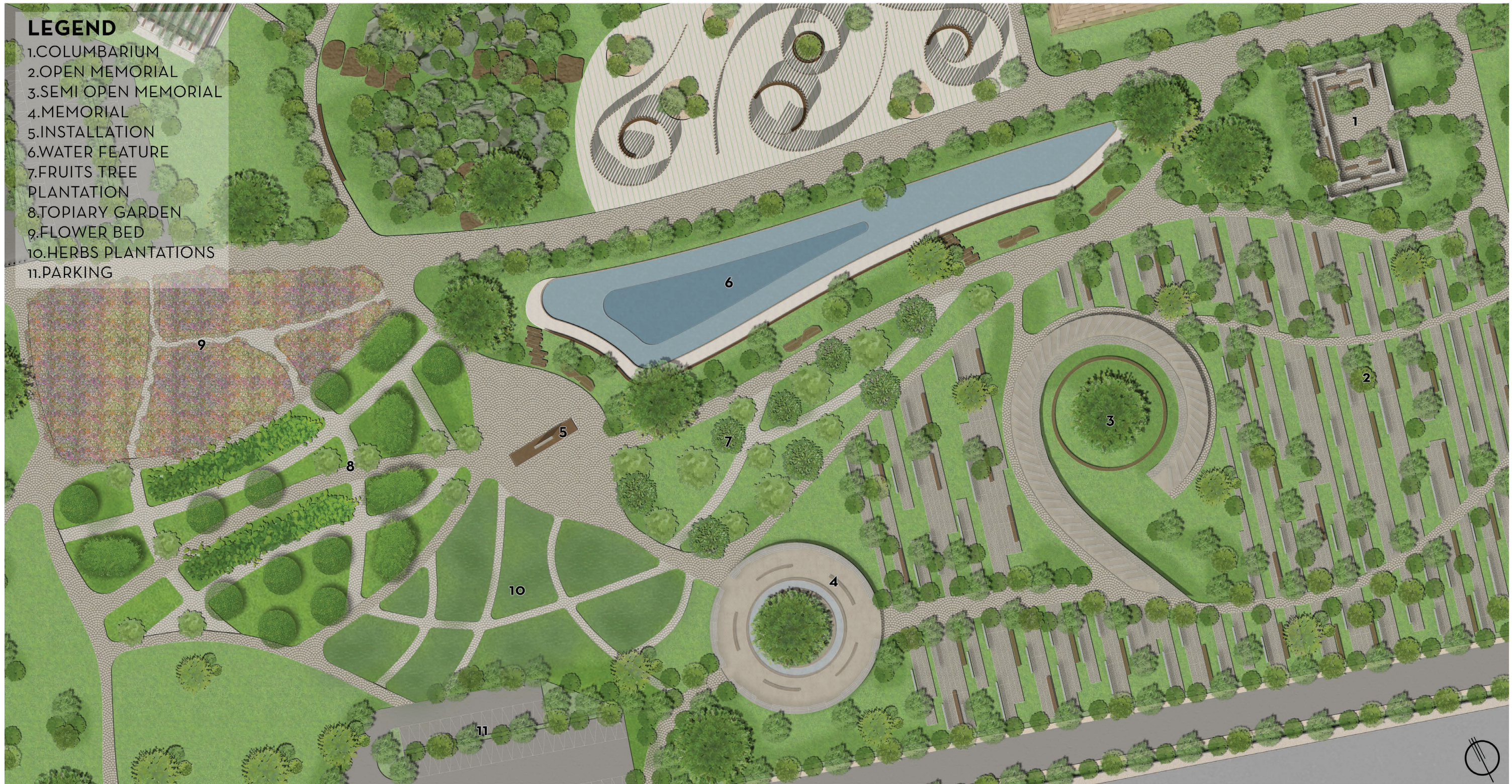
Designing to rejuvenate the sense





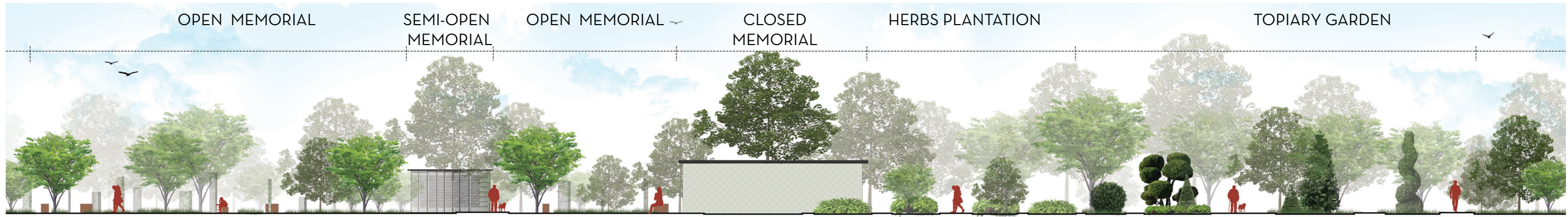
# LEGEND

- 1.COLUMBARIUM
- 2.OPEN MEMORIAL
- 3.SEMI OPEN MEMORIAL
- 4.MEMORIAL
- 5.INSTALLATION
- 6.WATER FEATURE
- 7.FRUIT TREE PLANTATION
- 8.TOPIARY GARDEN
- 9.FLOWER BED
- 10.HERBS PLANTATIONS
- 11.PARKING



PLAN





TREES



Citrus Sinensis



Malus Domestica



Hibiscus  
Rosa-sinensis



Cestrums



Gardenia



Clerodendrum Inerme

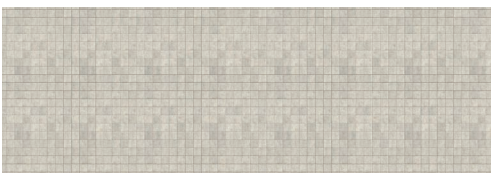


Duranta Plumeria

MATERIALS



Granite used in the memorial wall



Permeable paver



Permeable pavers used on path



Granite used in the closed memorial

SECTION AND LANDSCAPE DETAILS



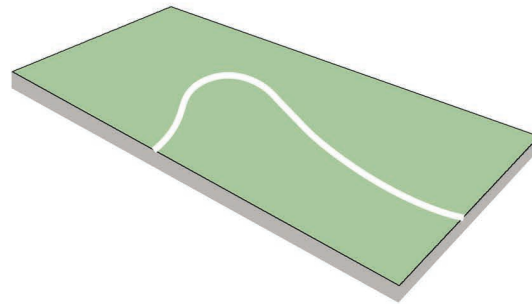




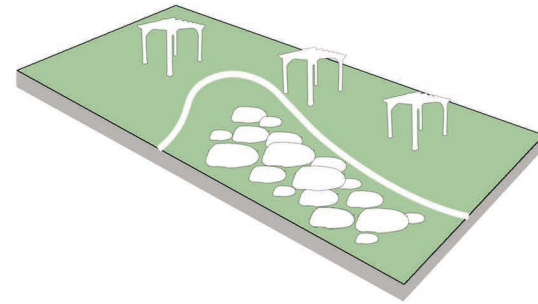




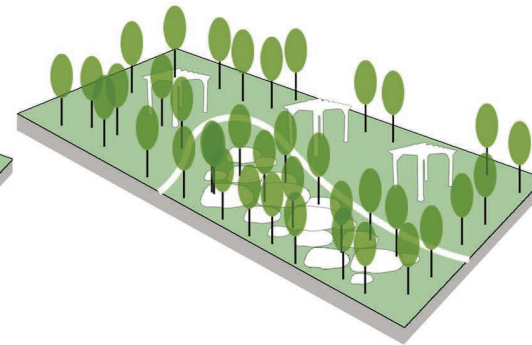
Creating a Path through  
the greens



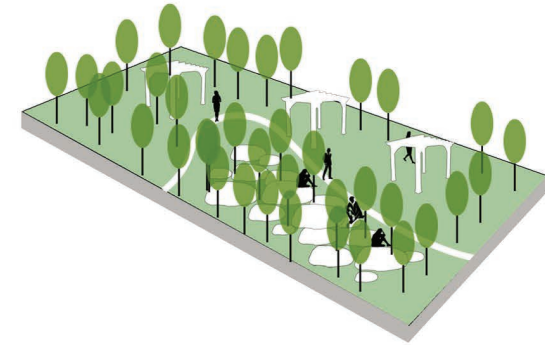
Division of Spaces



Providing Shading  
through the landscape



Designing an interactive  
space with a play of  
light and shadow





**LEGEND**

- 1.PERGOLA SEATING
- 2.STONE SEATING
- 3.PAVILION SEATING
- 4.STEPPING STONES
- 5.INSTALLATION
- 6.BENCHES
- 7.PARKING



**PLAN**





TREES



Dalbergia Sissoo



Hardwickia Binata



Acacia Auriculiformis

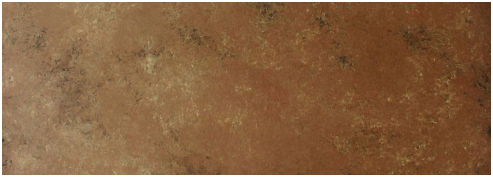


Terminalia Arjuna



Vernonia Elaeagnifolia

MATERIALS



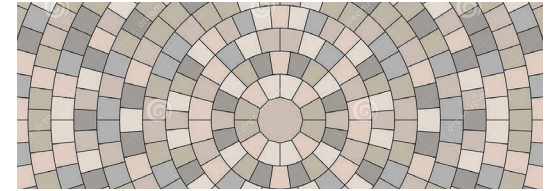
Metal used in seating



Wood used in seating and pergola



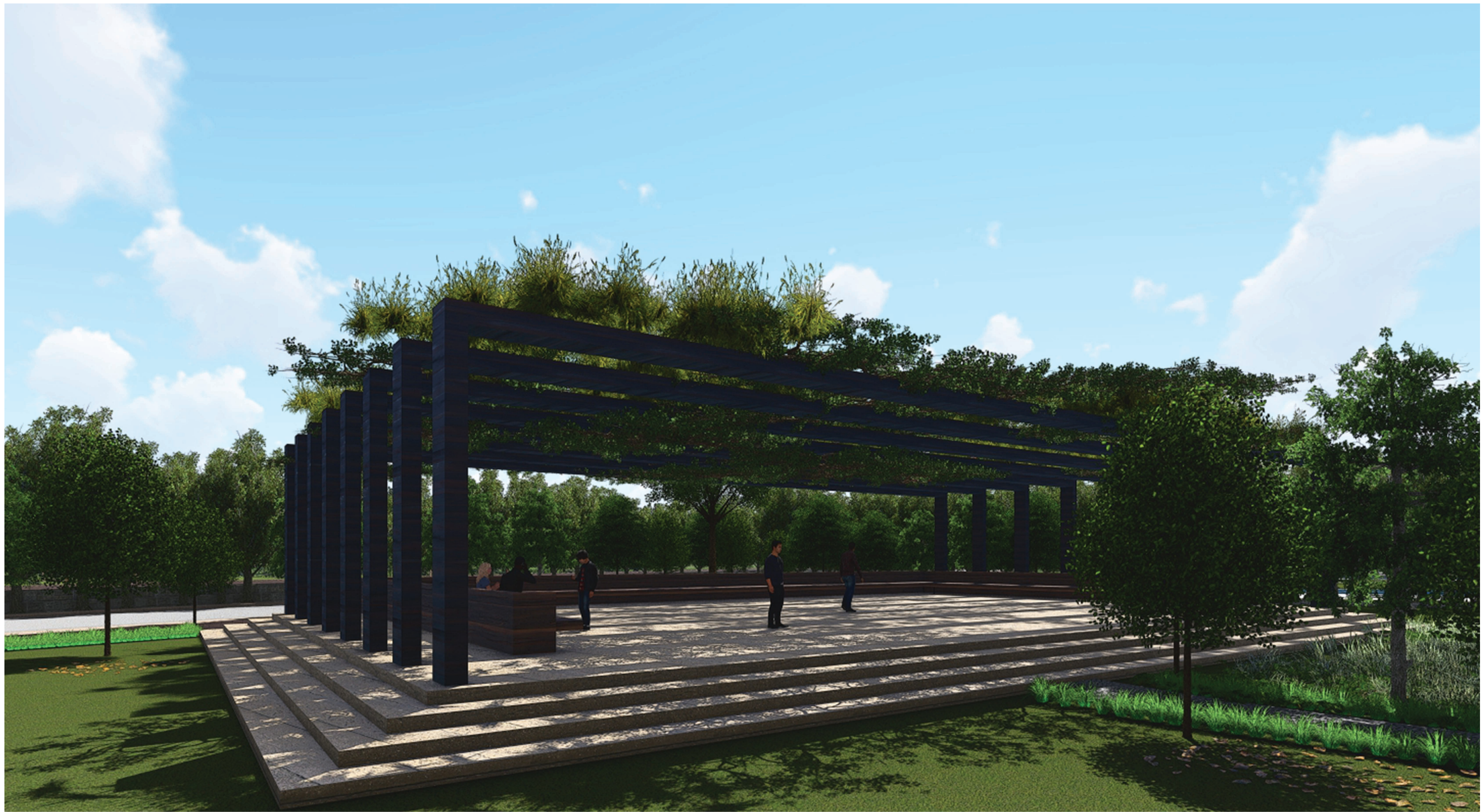
Permeable pavers used on path



Highlighted permeable pavers used in path

SECTION







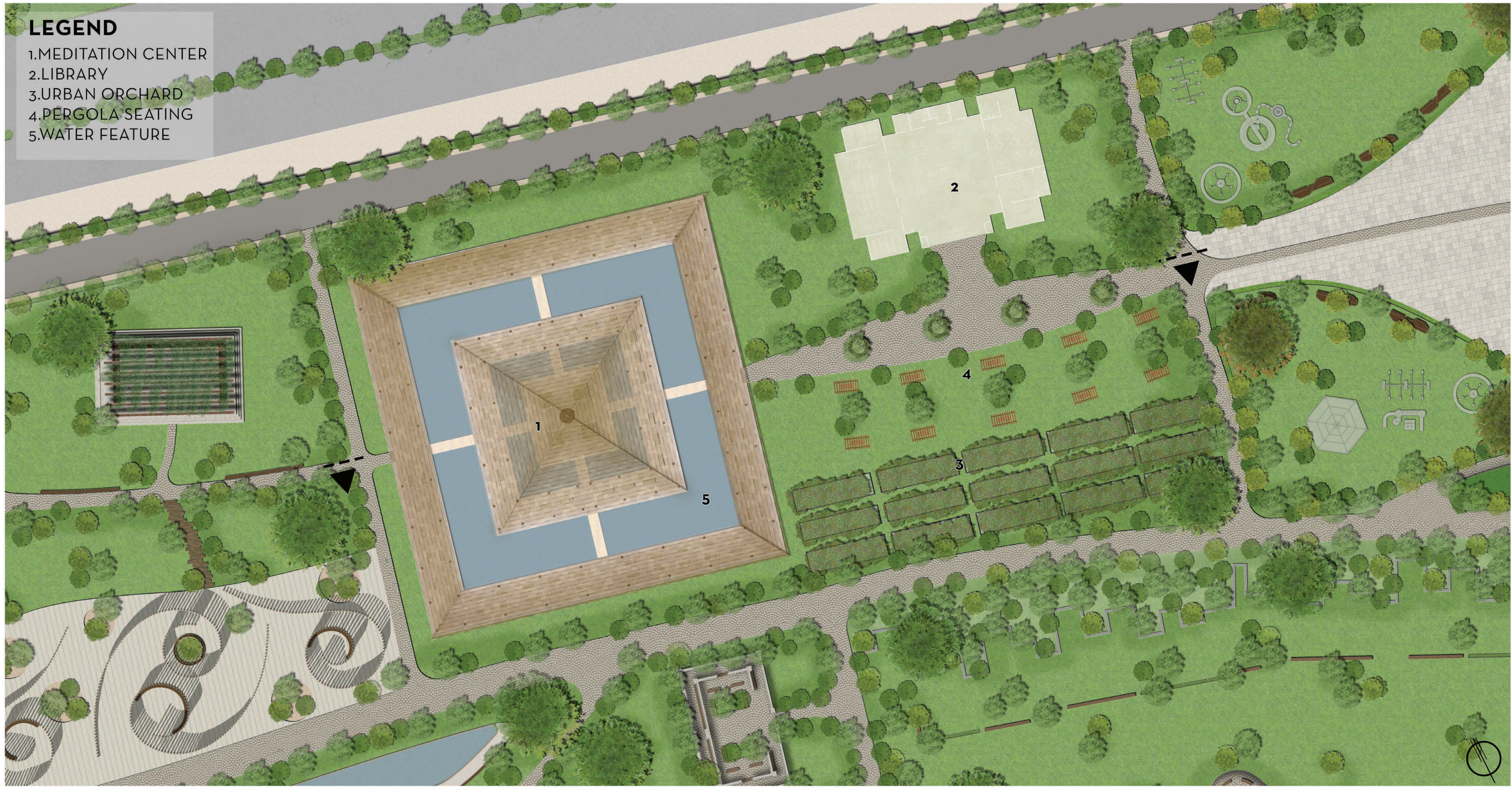
DEPRESSION





# LEGEND

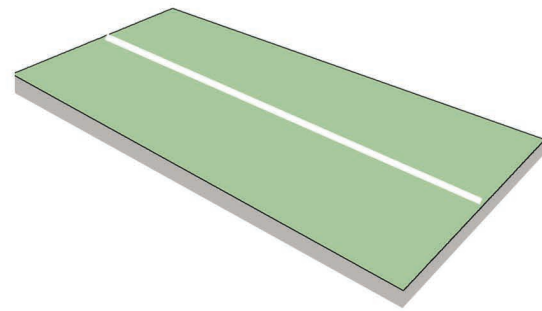
- 1.MEDITATION CENTER
- 2.LIBRARY
- 3.URBAN ORCHARD
- 4.PERGOLA SEATING
- 5.WATER FEATURE



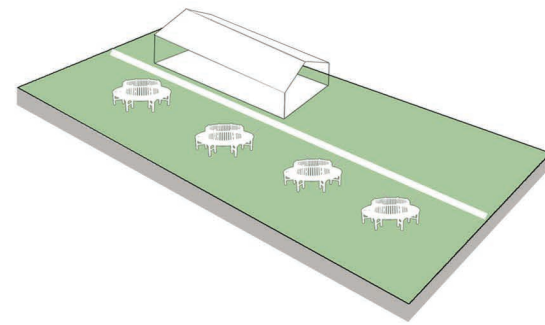
PLAN



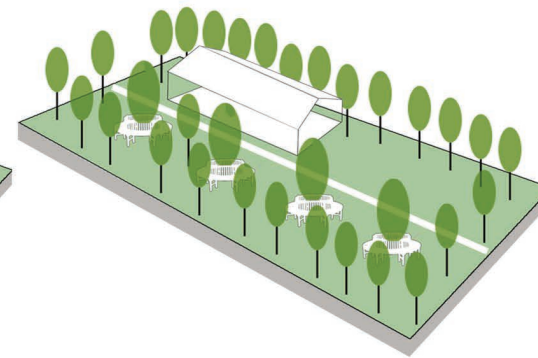
Creating a Path through the greens



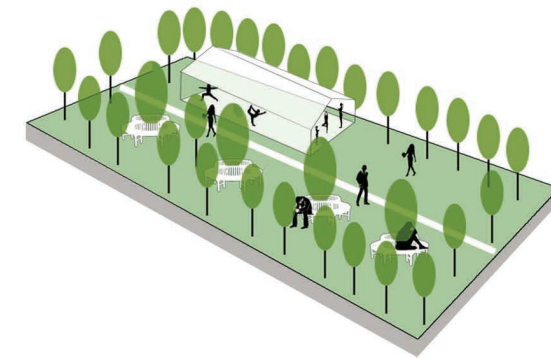
Division of spaces by activities



Landscape used as a play of light and shadow



Including activities to improve the thought process







TREES



Dalbergia Sissoo



Albizia Lebbeck



Pterocarpus Indicus



Ziziphus Iuiba



Psidium Guajava

MATERIALS



Metal used in a truss



Wood is used in seating



Permeable pavers used on path



Concrete used in planter

SECTION





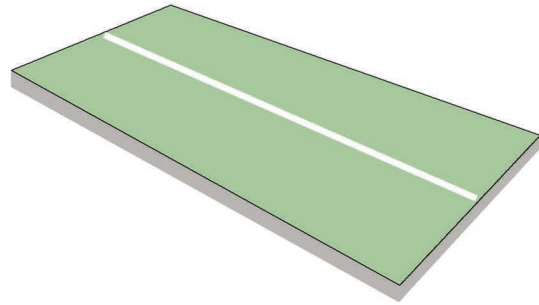


ACCEPTANCE

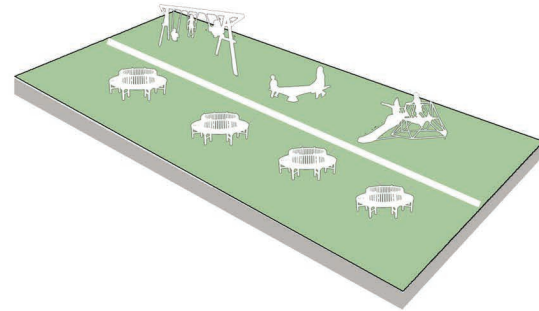




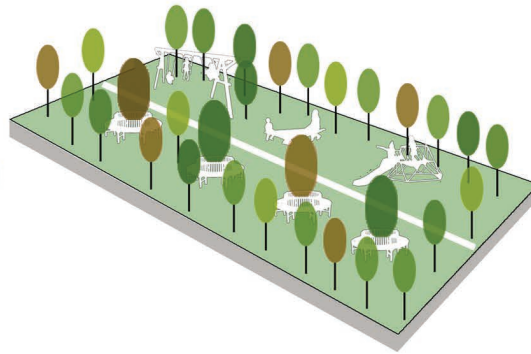
Creating a Path through the greens



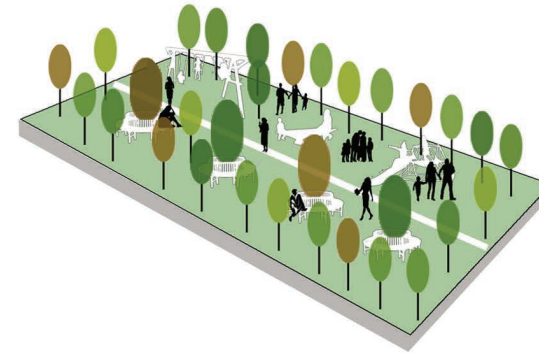
Division of activities



Use of various types of trees



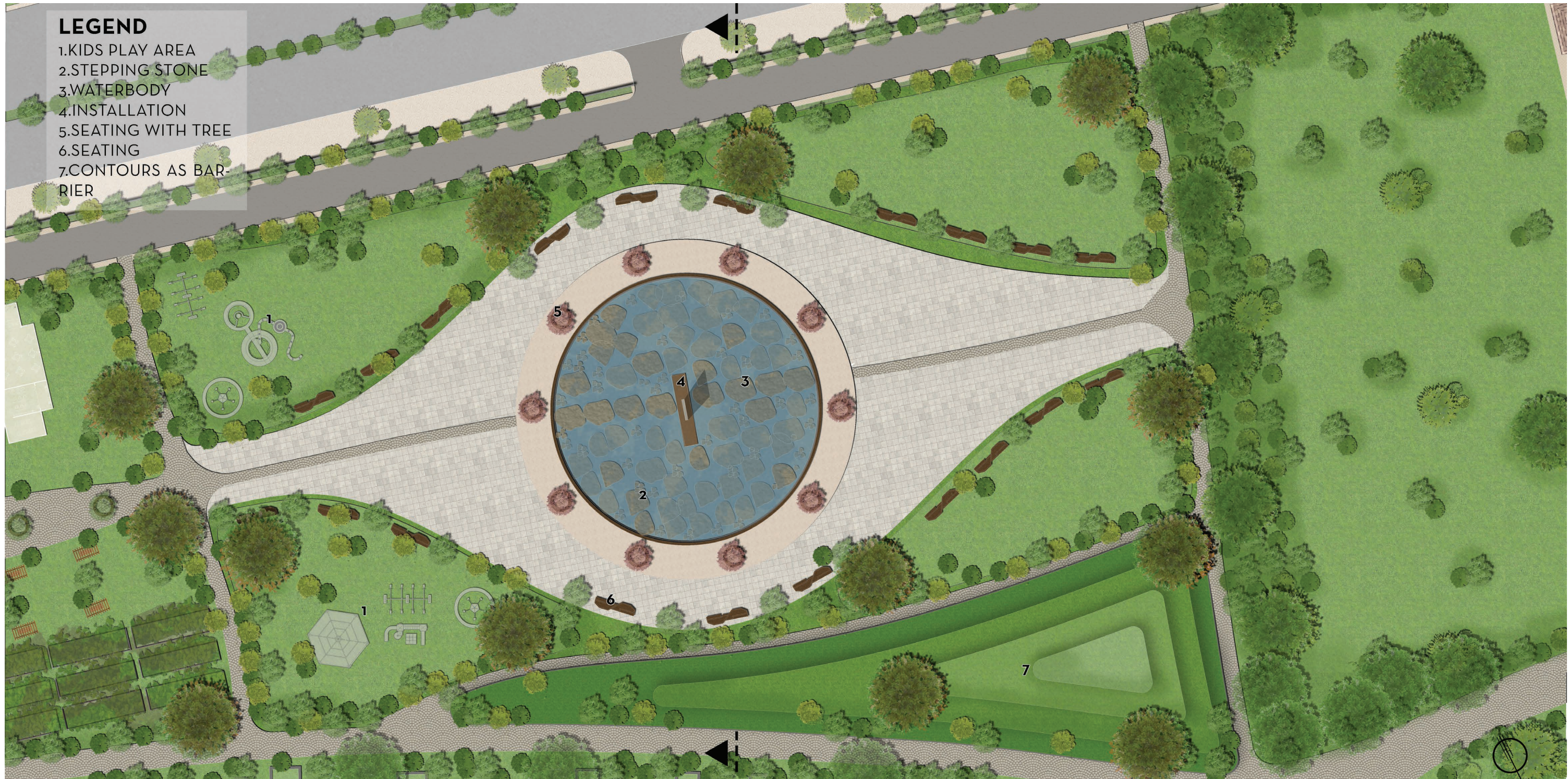
Designing a cheerful and joyful space





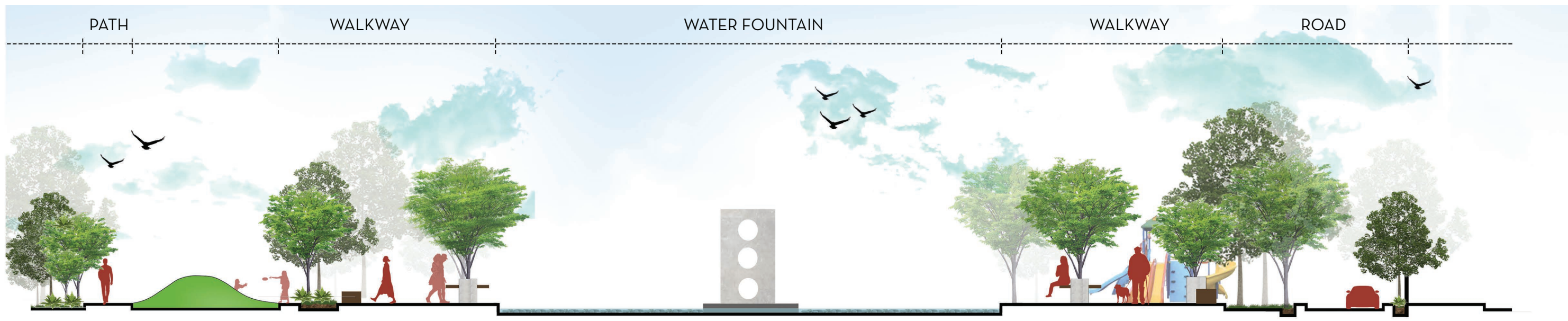
# LEGEND

- 1.KIDS PLAY AREA
- 2.STEPPING STONE
- 3.WATERBODY
- 4.INSTALLATION
- 5.SEATING WITH TREE
- 6.SEATING
- 7.CONTOURS AS BARRIER



PLAN





TREES



Bignonia  
Megapotamica



Ziziphus Mauritiana



Cassia Fistula

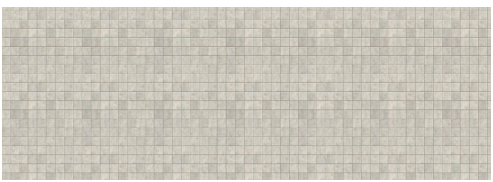


Plumeria Obtusa



Moringa Oleifera

MATERIALS



Permeable paver used in plaza



Permeable paver used in plaza



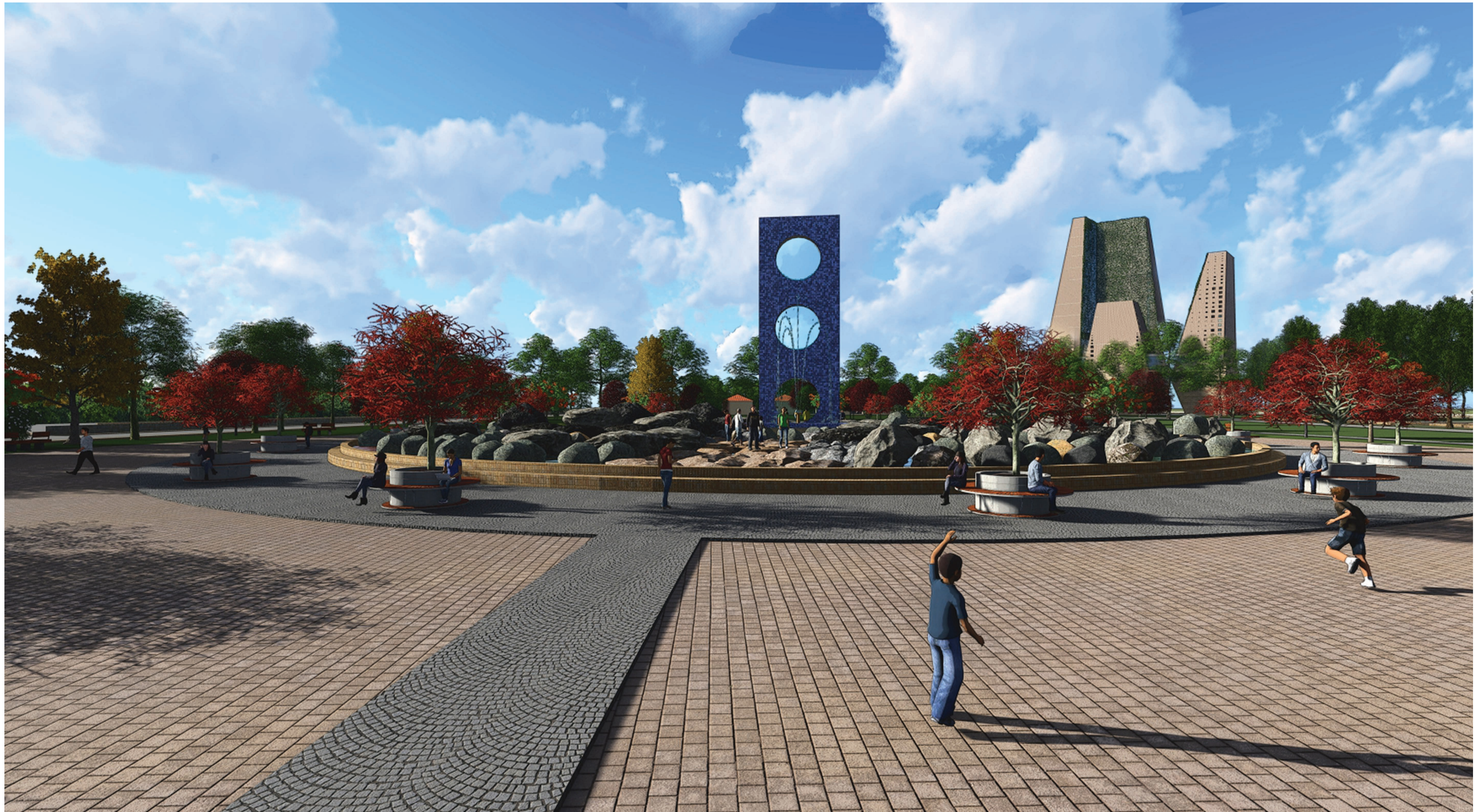
Wood used in seating



Concrete used in water fountain

SECTION AND LANDSCAPE DETAILS







THANK YOU

---