



ARCHITECTURE DESIGN PORTFOLIO - 2009

SAYED **KASHIF** J A DAFEDAR
kashif_syd@yahoo.com
<http://kasadesigns.tripod.com>
979.676.2274



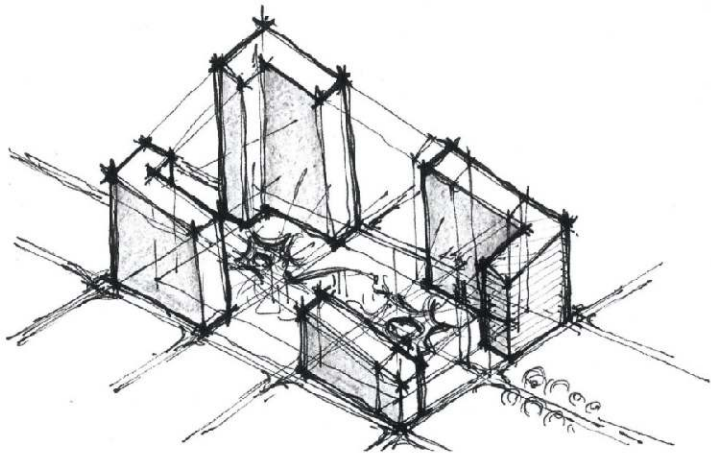
PROJECT JERICHO

A MIXED USE COMMUNITY @ DALLAS, TEXAS

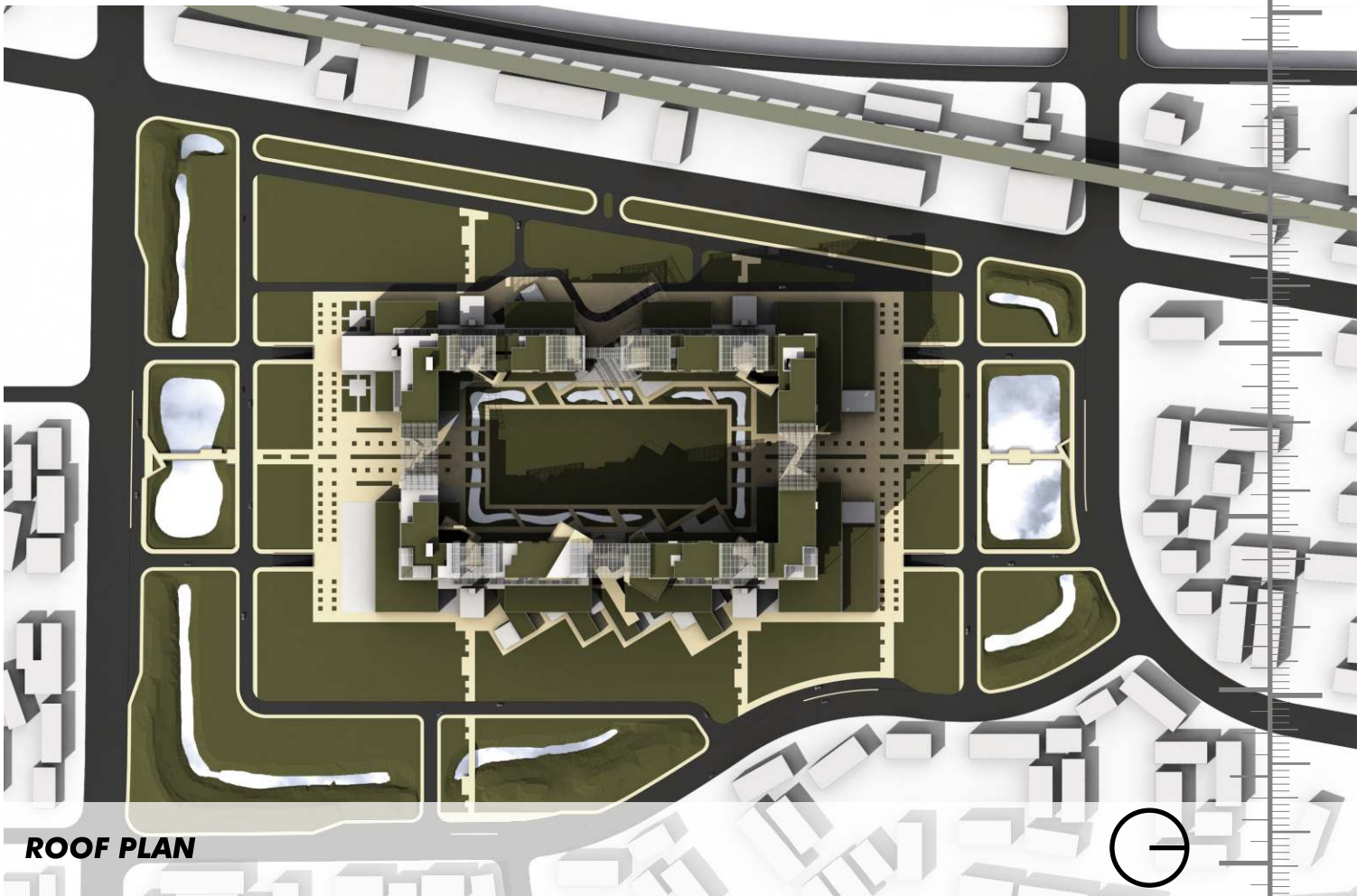
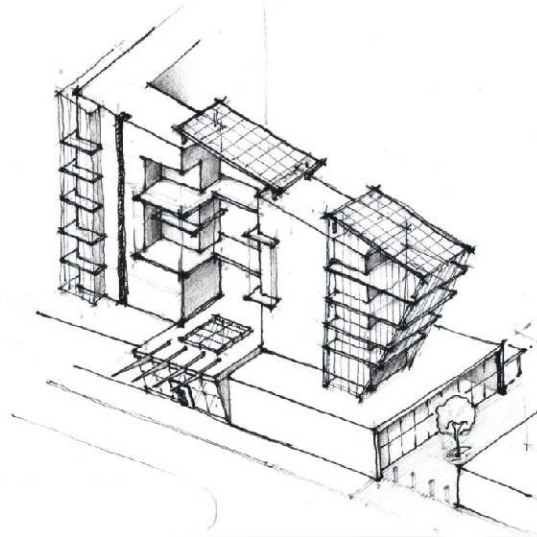
- The project houses 615 housing units, 65 retail stores, Grocery store, 3 screen Multiplex, and a Recreation center.
- The Stores on the inner side will be reserved for restaurants.
- The residential complex is connected with elevated walkways and spill-out terraces
- These terraces become the congregations spaces within the building.
- These spaces along with the residential activities bring about a neighborhood quality to the complex.



VIEWS OF THE INTERIOR COURTYARD



DEVELOPMENT STAGE SKETCHES

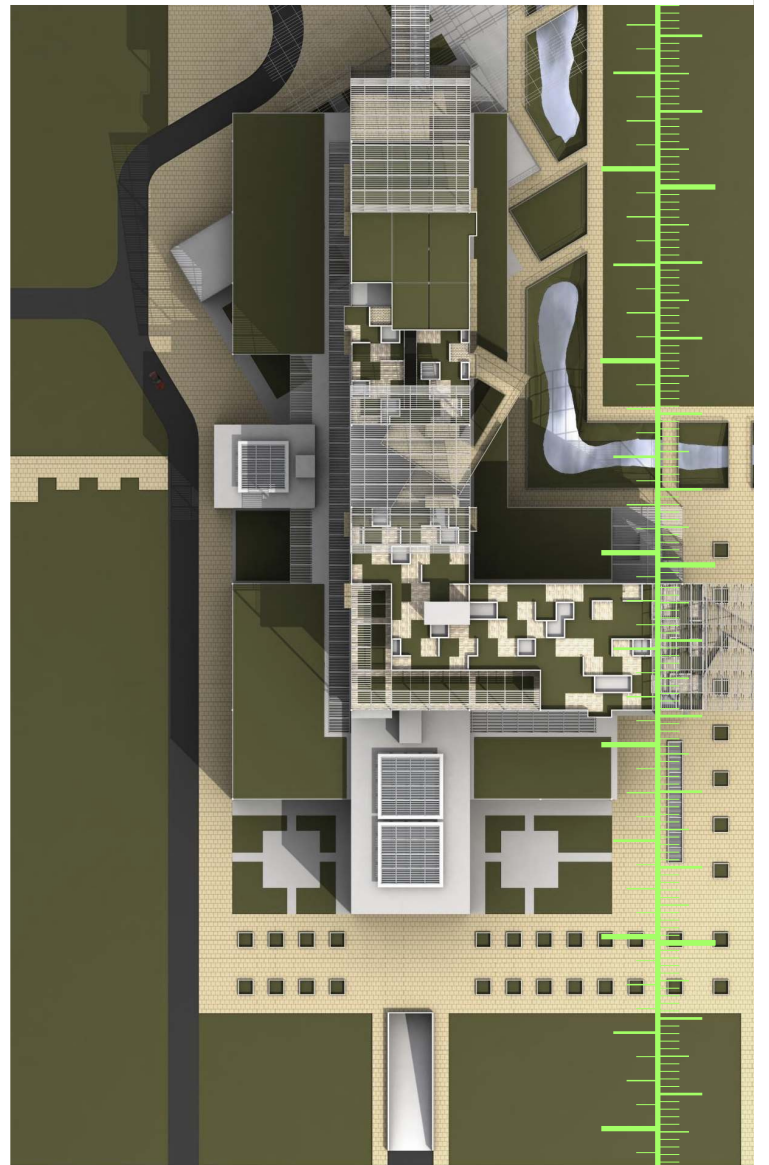


ROOF PLAN

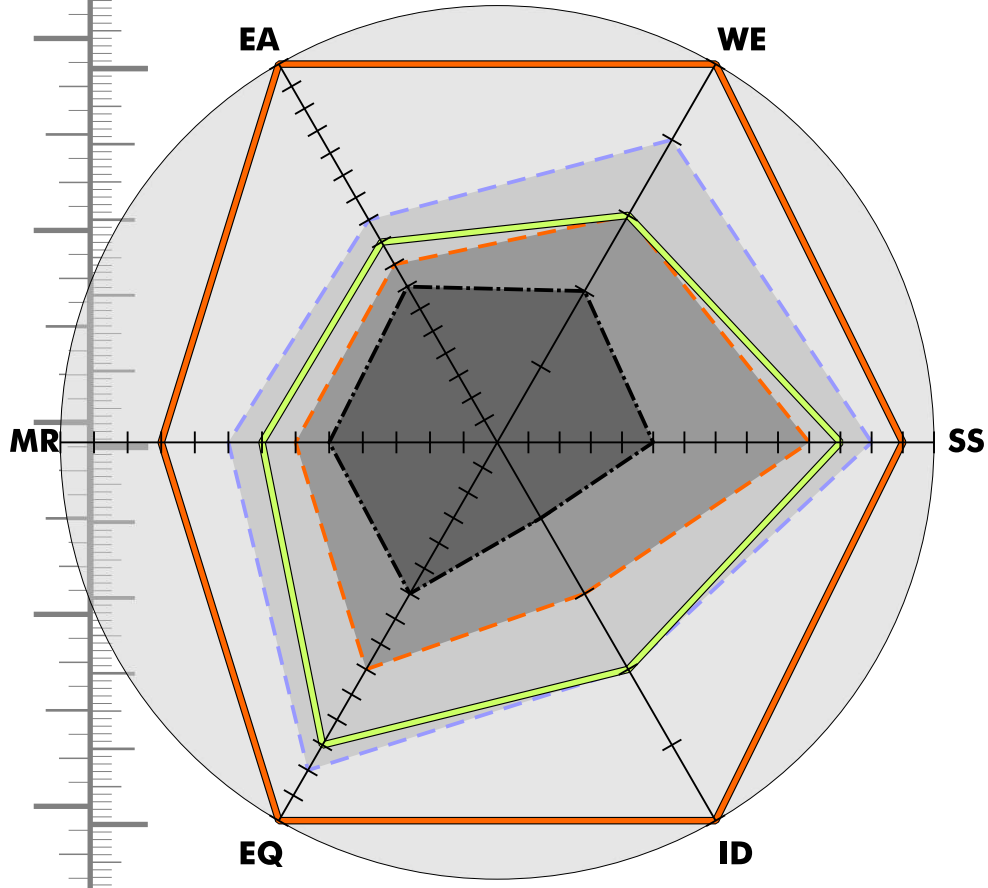


PROJECT JERICHO

A MIXED USE COMMUNITY @ DALLAS, TEXAS
(SELECTED PART FOR DESIGN DETAILING)



| | | | | | |
|-------------|------------|----------|---|-----------------------------|---------------------------|
| Yes | ? | No | PROJECT TOTALS (Pre-Certification Estimates) | | 69 Points |
| 45 | +20 | 4 | | | |
| GOLD | | | Certified: 26-32 points | Silver: 33-38 points | Gold: 39-51 points |
| | | | Platinum: 52-69 points | | |



--- CERTIFICATION LEVEL

- - - GOLD LEVEL

- - - PLATINUM LEVEL

— ACHIEVED CREDITS

— SCOPE OF CREDITS

SS SUSTAINABLE SITE

WE WATER EFFECIENCY

EA ENERGY & ATMOSPHERE

MR MATERIAL & RESOURCES

EQ INDOOR ENVIRONMENTAL QUALITY

ID INNOVATION & DESIGN PROCESS

- Almost all of the terraces are either vegetates or covered with an appropriate SRI value material.
- This helps in reducing the Heat island effect and the runoff coefficient of the rainwater.
- All the parking in the community is underground, this makes more room for parks, green spaces other recreation spaces.
- The project is designed around an already existing city transport network (DART). This helps

- the users to have ready access to alternative modes of transport.
- Due to these Sustainable and Green qualities the project can conveniently qualify for a LEED Gold Certification.
- If LEED is stringently applied to the construction and post occupancy usage of the building, it can also aim for LEED Platinum.





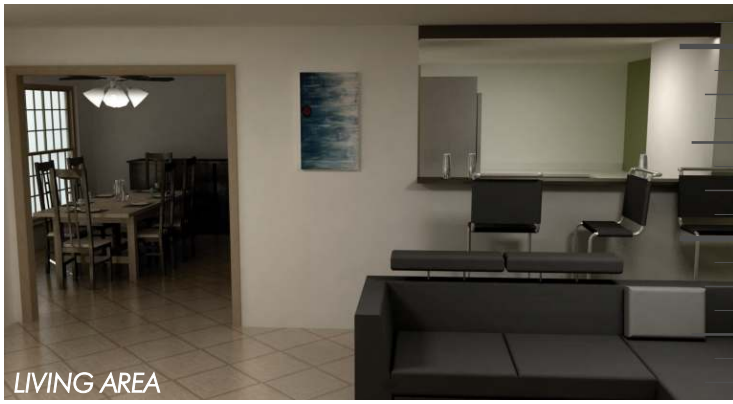
HOUSING UNITS AT THE JERICHO

- A Mixed Use Housing Complex @ Dallas

LIVING AREA



DINNING AREA



LIVING AREA

- 615 contemporary housing units.
- Innovative design to suit the needs of the urban user.
- Different types of housing units cater to the needs of the diverse user group
- A random combination of housing units reduce the monotony in the design and it also helps in enhancing the urban fabric of the community.



LIVING AREA

1BHK Typo-1

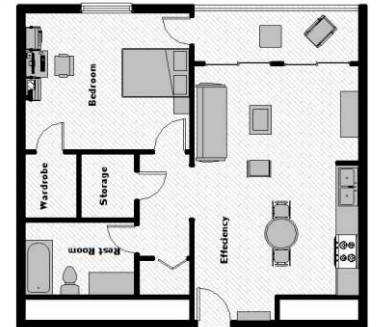
1000 sqft
292 Units



LIVING AREA

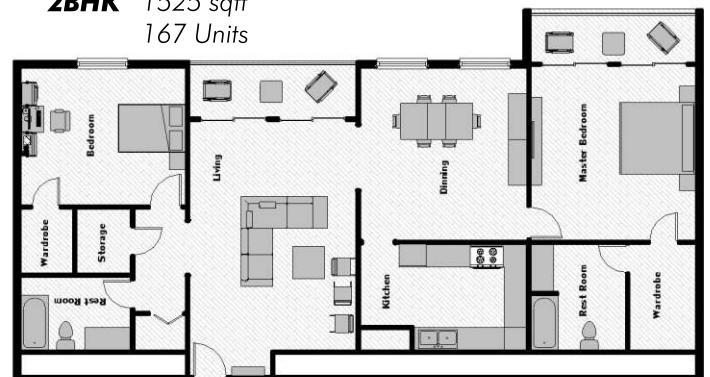
1BHK Typo-2

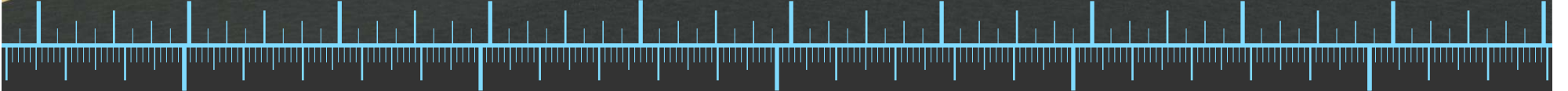
750 sqft
150 Units



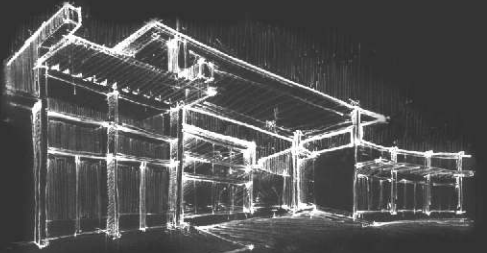
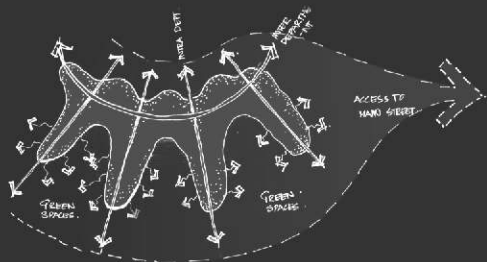
LIVING AREA

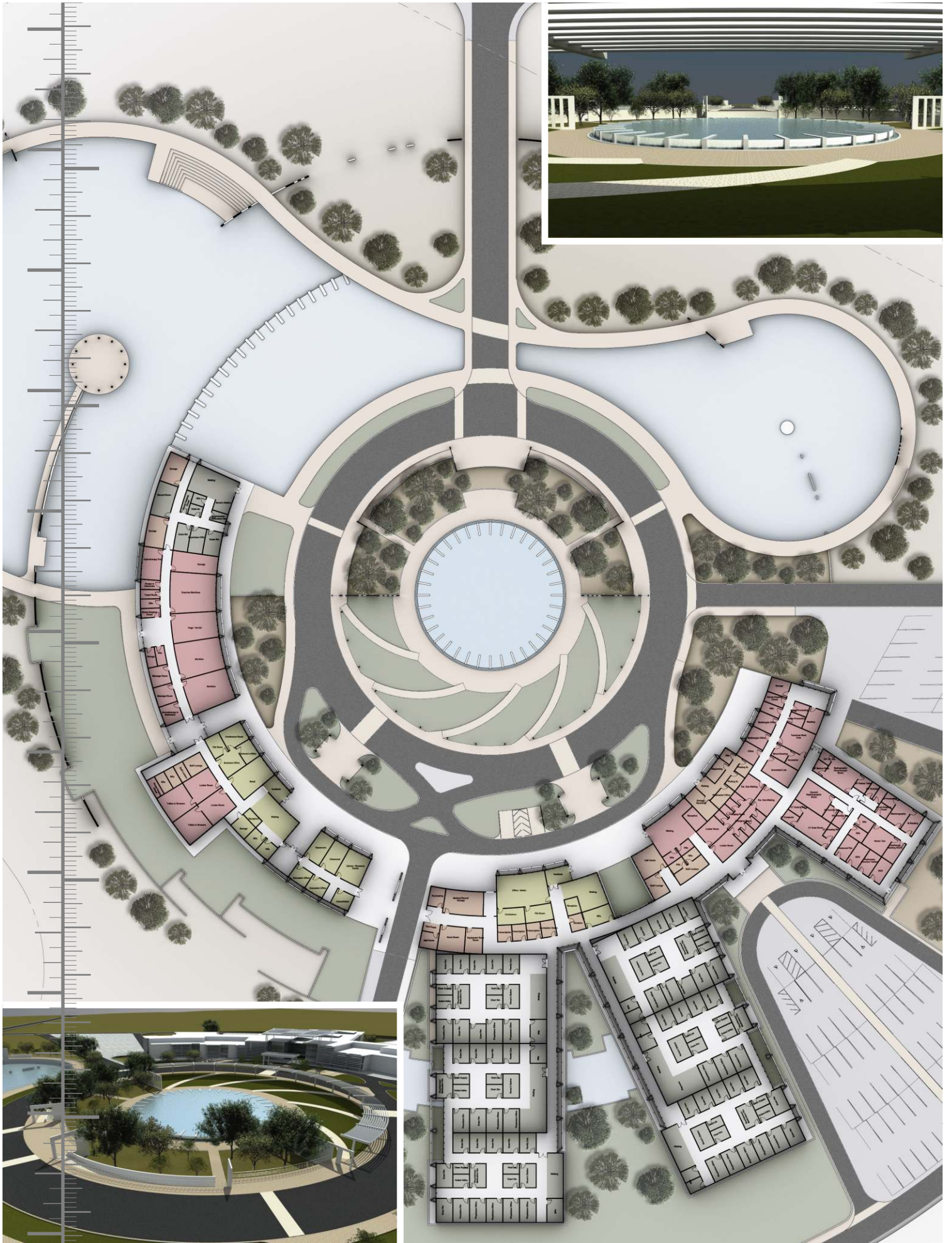
2BHK 1525 sqft
167 Units

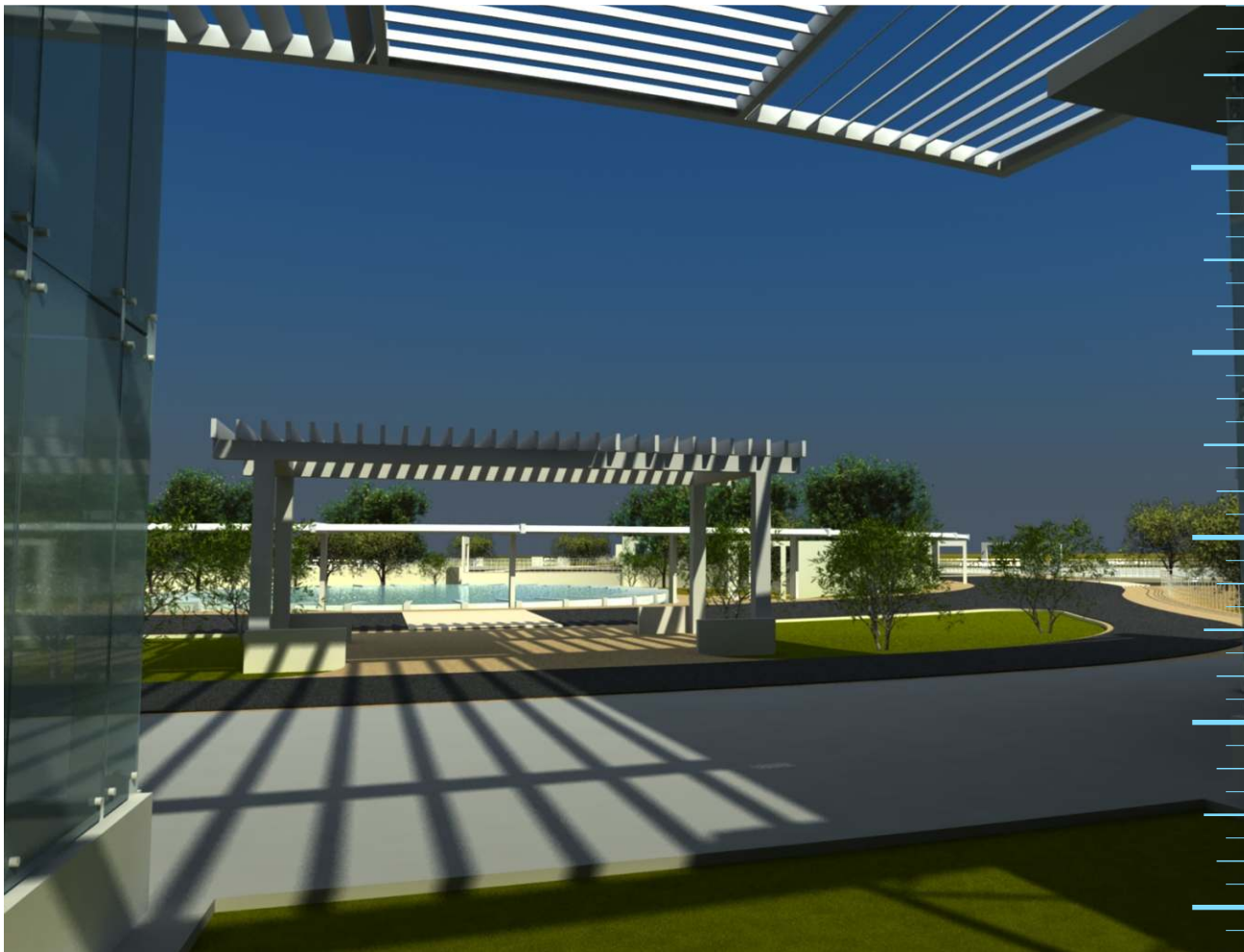
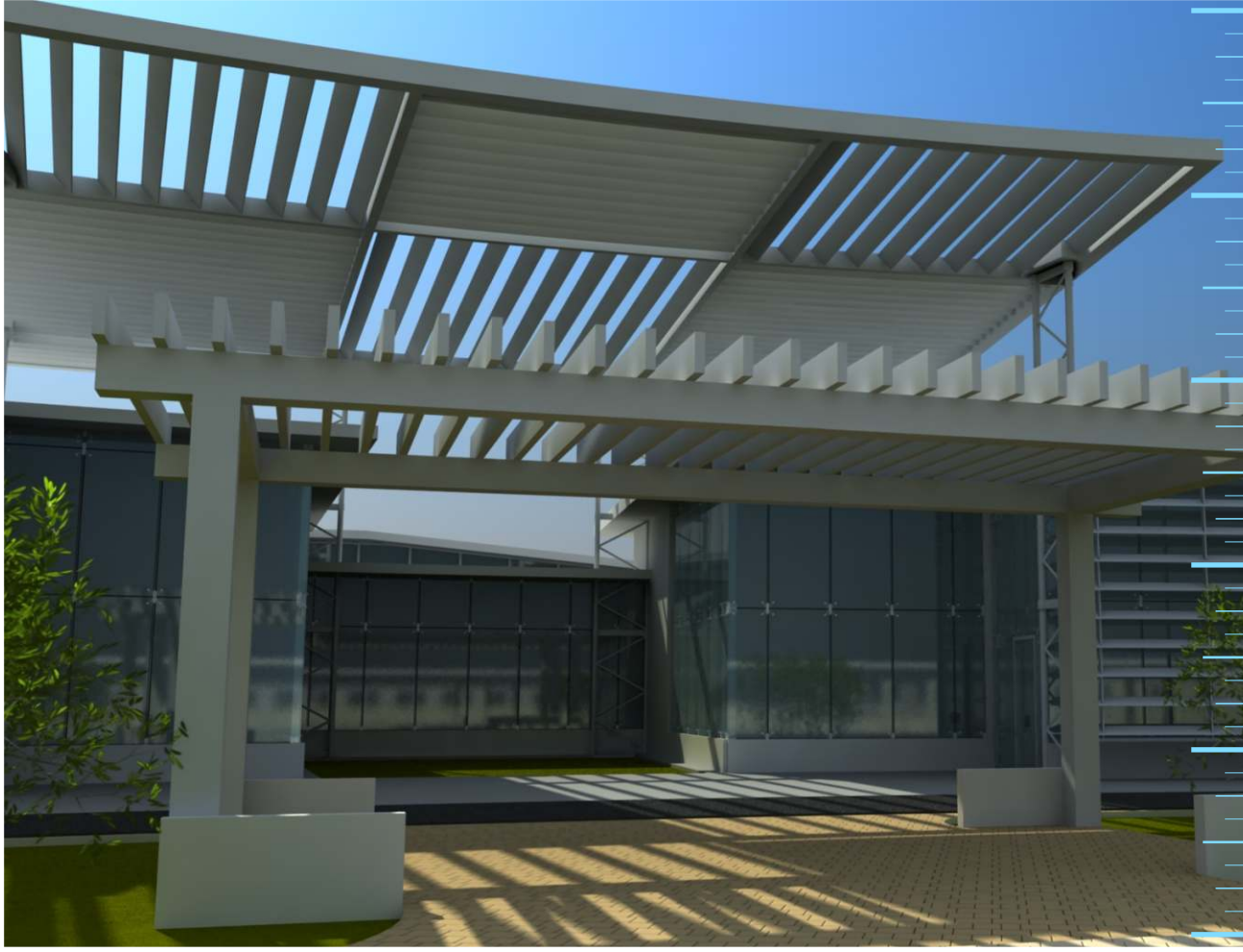




MULTI SPECIALITY CLINIC @ COLLEGE STATION, TEXAS







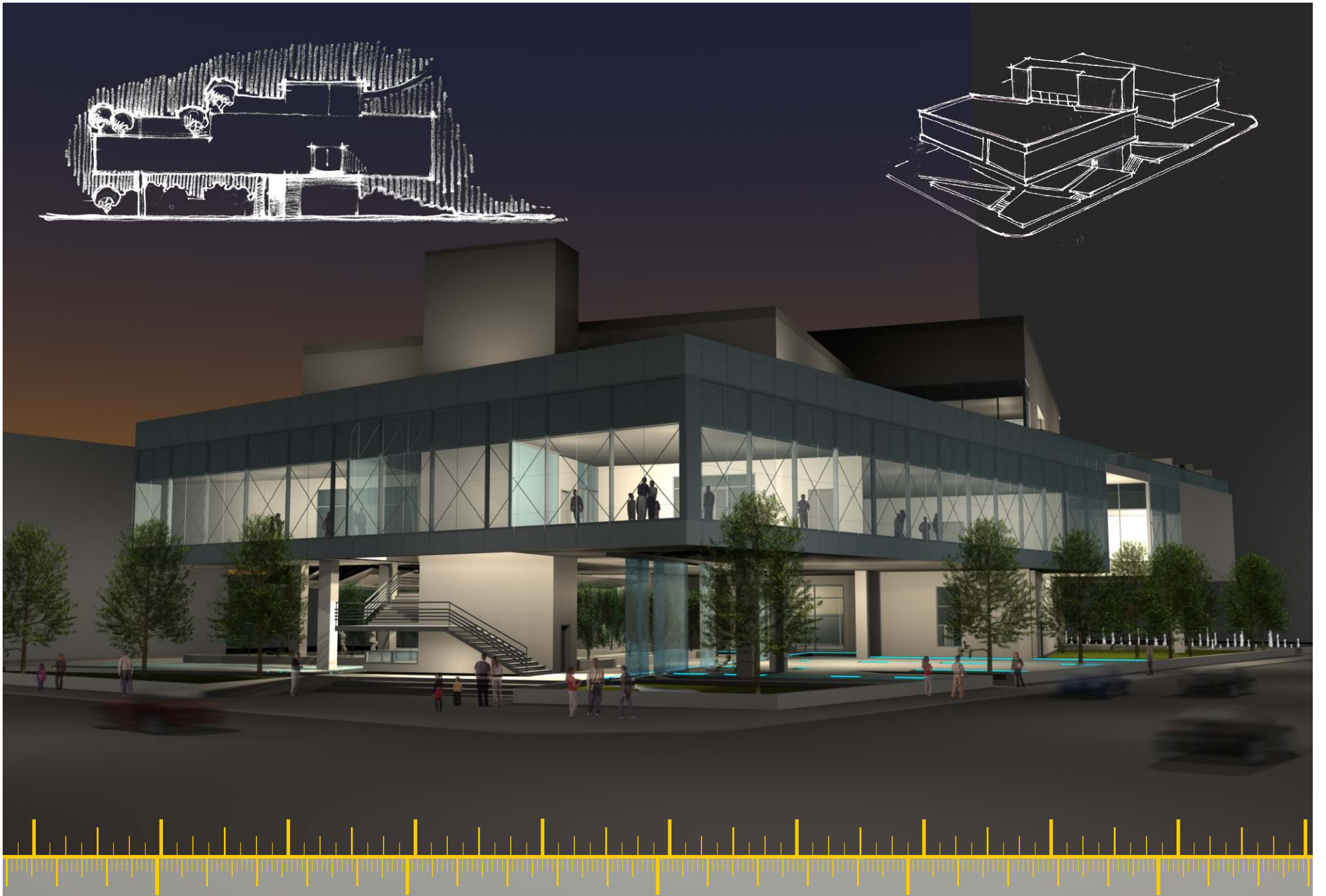
MULTI SPECIALITY CLINIC @ COLLEGE STATION, TEXAS



- In this studio we worked with Prof. Hamilton to design a multi speciality clinic and a healing complex.
- The design is comprised of a clinic, a healing center and other supporting facilities.
- The design was based on 'Evidence Based Designing'. According to the principles of EBD we first find research in the specific field and based on the reviews of the specific evidence we incorporate it in our design.

- One of my specific evidence was the GGHC certification.
- In the design I tried to incorporate passive and active means of energy efficiency.
- A unique double wall system was designed in order to have glazed exterior walls
- Louvered panels on the outside to block the direct sunlight.
- This would increase the natural light that would penetrate the structure while reducing the direct heat gain.





DANCE ACADEMY @ AUSTIN, TEXAS



- The Dance Academy is located in downtown Austin.
- The academy has 3 dance studios a couple of dance classrooms and ancillary functions associated to dancing.
- My specific approach to the design was to give an urban space to the city.
- in order to do so i lifted the building by one level.
- The ground level is used in creating place making elements to add on to the urban life in the musical and art district of Texas.

