THESIS PROJECT

SITE ANALYSIS

-HYDERABAD,TELANGANA

SITE DESCRIPTION

Site Location-Masaipet,Hyderabad

Area of the site-400SQYD

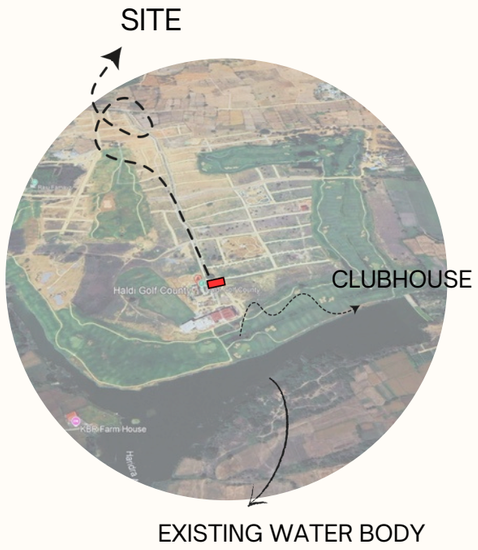
Site Dimension-72/50 SFT

Hottest month-May

Coldest month-December

Predominant climate(year)-Hot&Humid

Speciality - Golf county



SITE ORIENTATION

STRENGTHS S

green environment\ no pollution

sustainable living

WEAKNESS W

lack of Transportation facility

it’s far from city

OPPORTUNITIES O

can improve the natural living

devolopment throw golf

THREATS T

presence of river in 200m from site

DISTANCE FROM SITE

115 KM FROM THE SITE

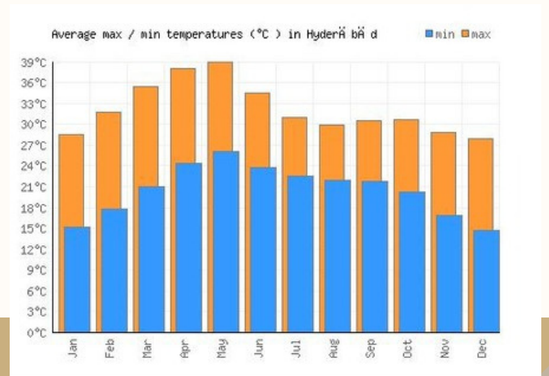
7.5 KM FROM THE SITE

300 M FROM THE SITE

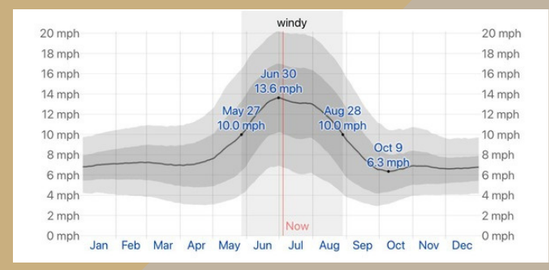
300 M FROM THE SITE

250 M FROM THE SITE

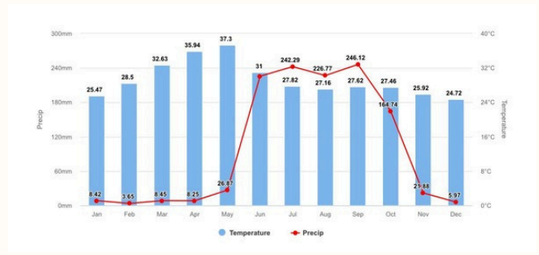
TEMPARATURE



WIND ANALYSIS

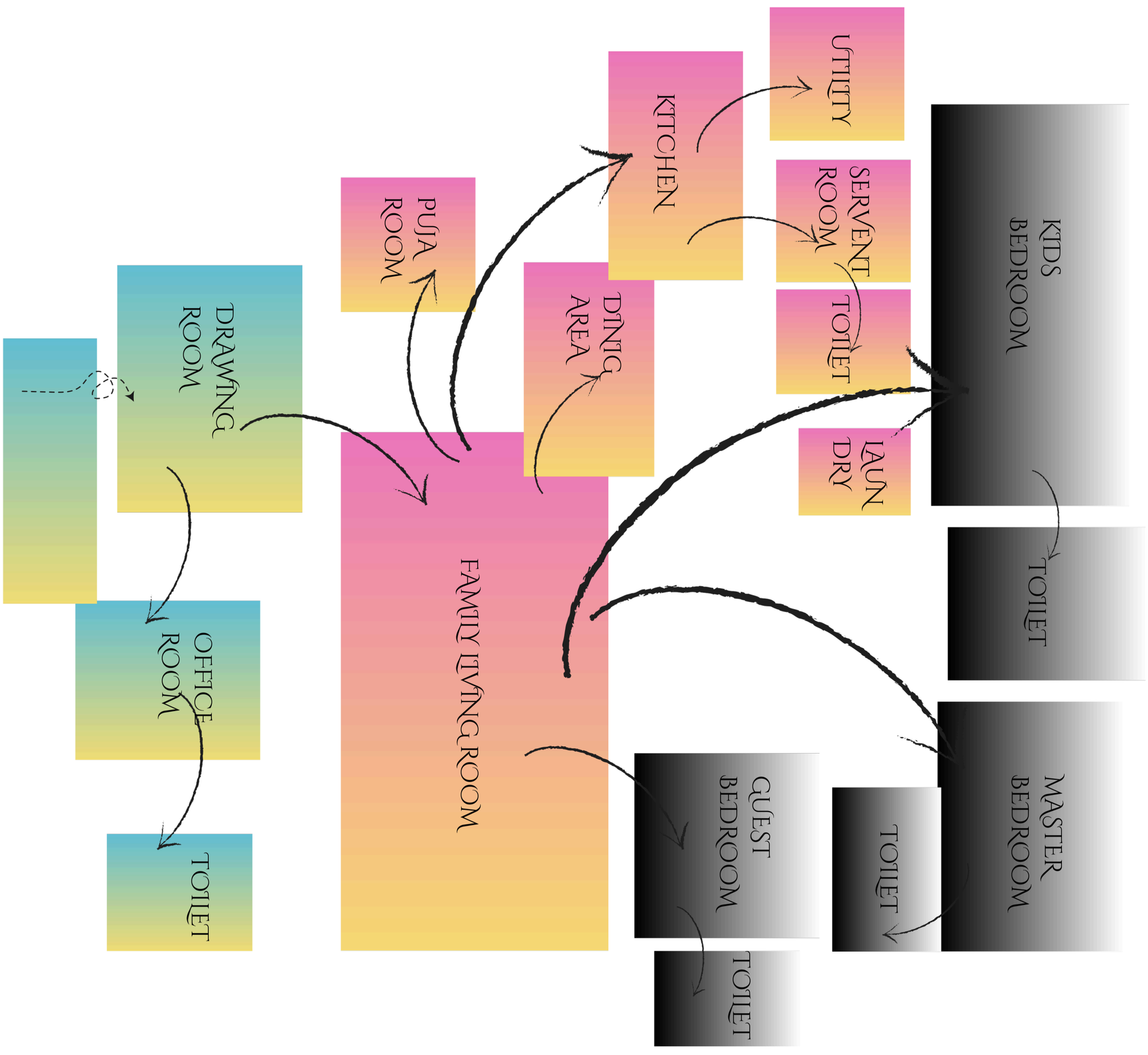


CLIMATE ANALYSIS



SITE IMAGES

BUBBLE DIAGRAM

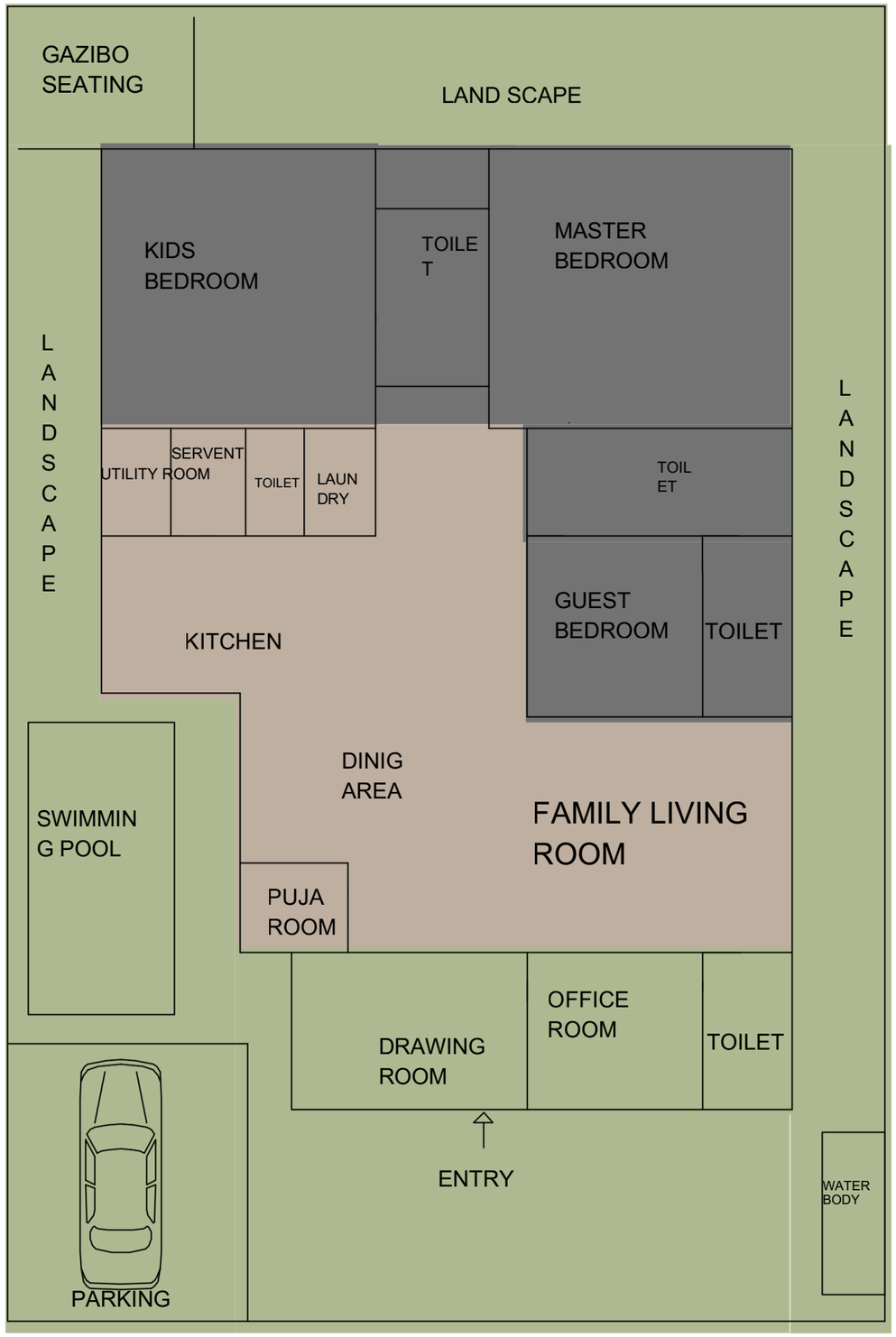


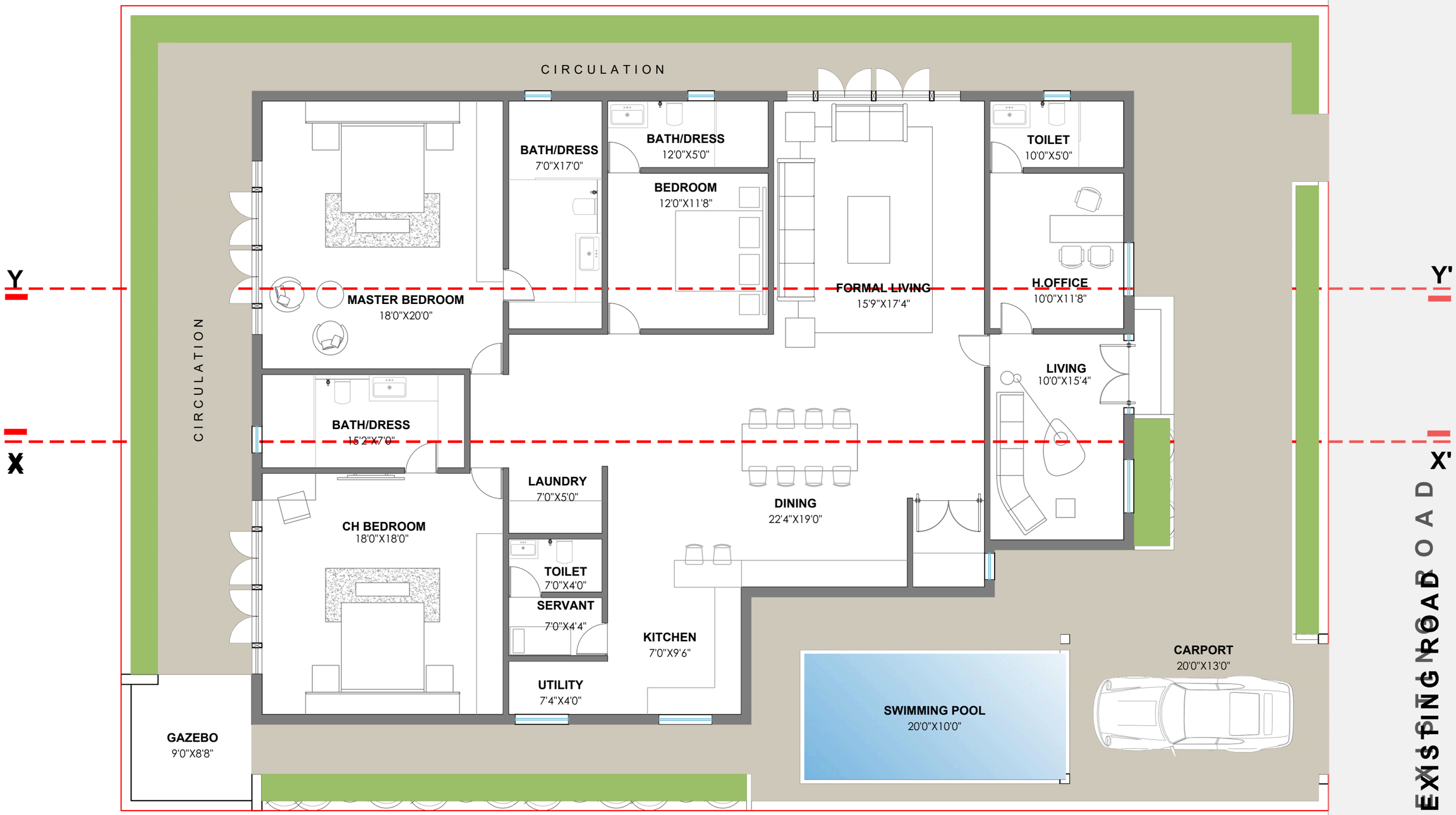
SINGLE LINE DIAGRAM

PUBLIC

PRIVATE

SEMI PRIVATE



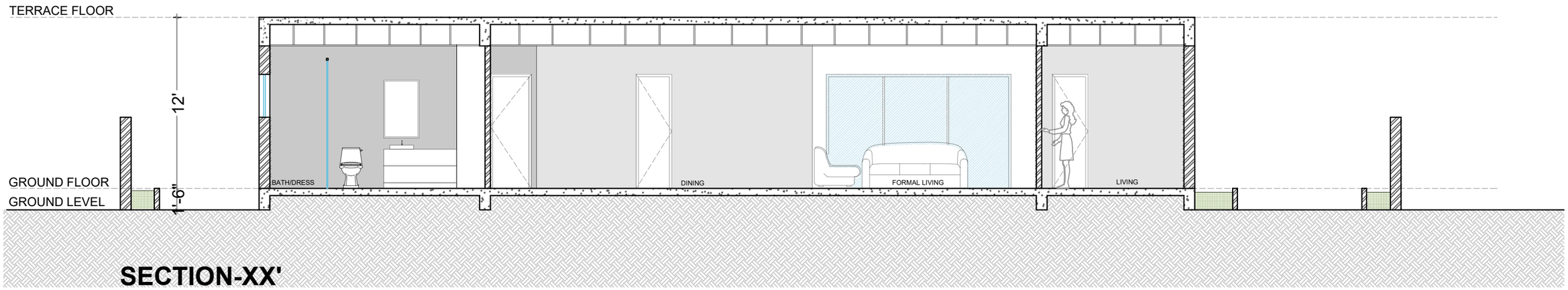


TITLE : RESIDENTIAL FLOOR PLAN-FURNITURE LAYOUT

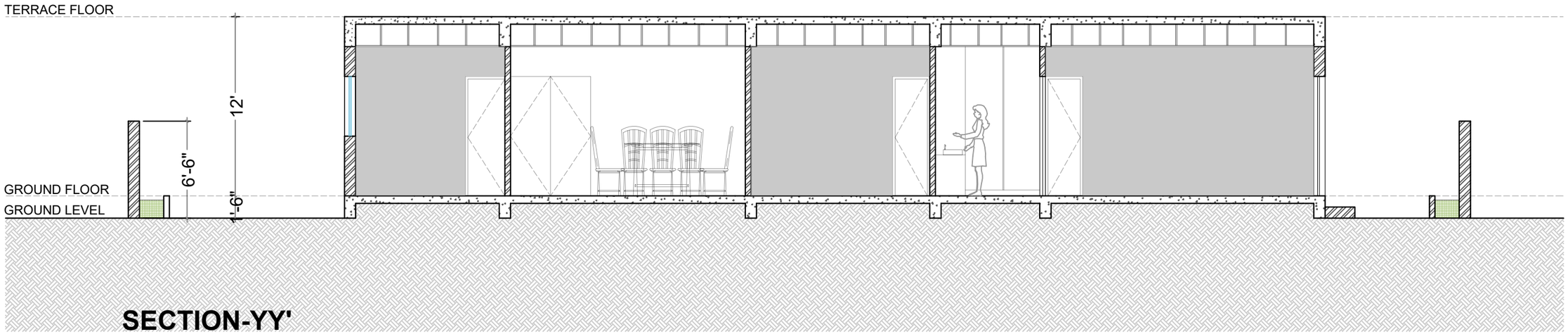
N

NAME OF THE DESIGNER :VANI PAMU

NAME OF THE COLLEGE :ACADEMY OF APPLIED ARTS



SECTION-XX'

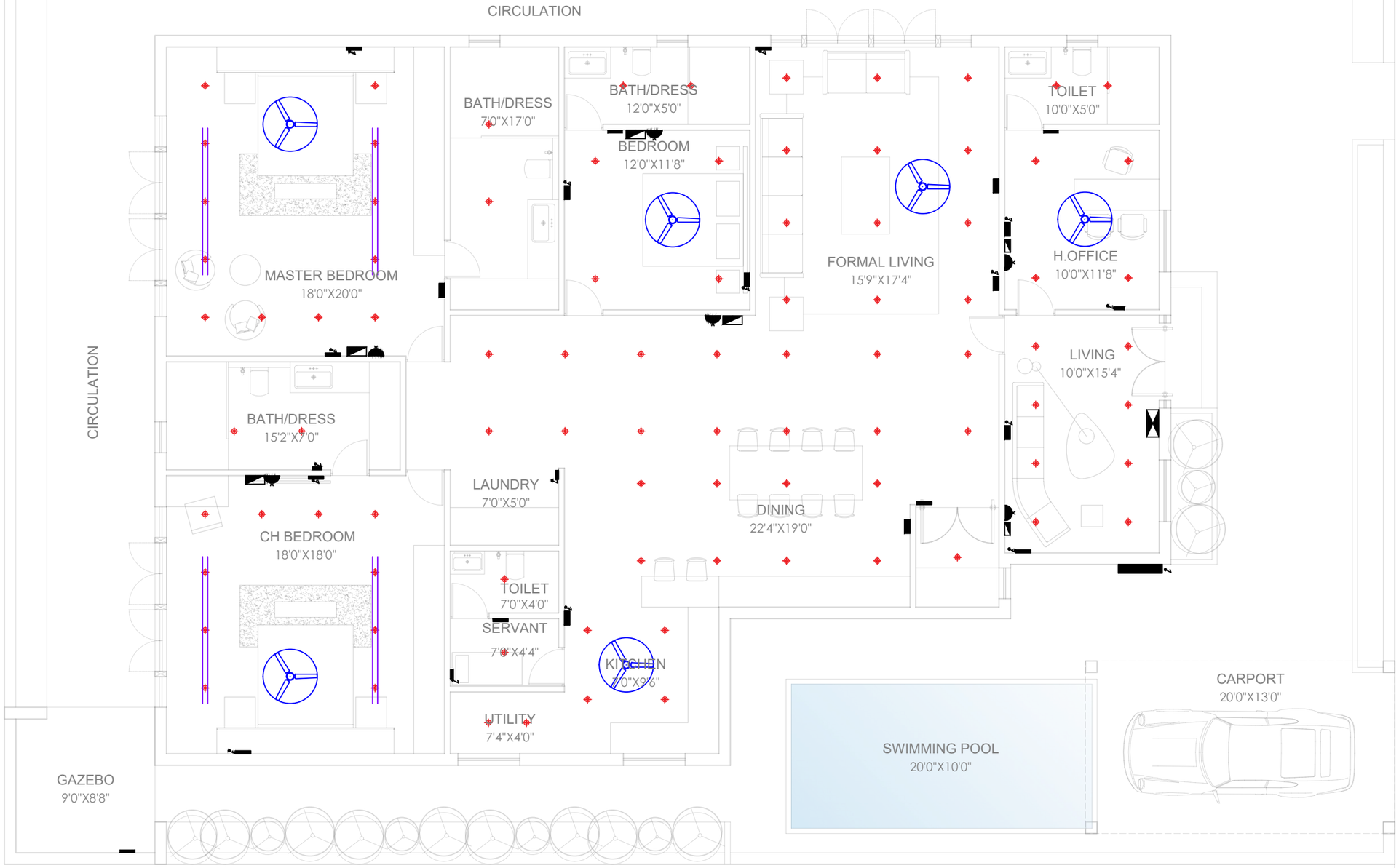


SECTION-YY'

TITLE : RESIDENTIAL BUILDING -ELEVATIONAL SECTIONS

NAME OF THE DESIGNER :VANI PAMU

NAME OF THE COLLEGE :ACADEMY OF APPLIED ARTS



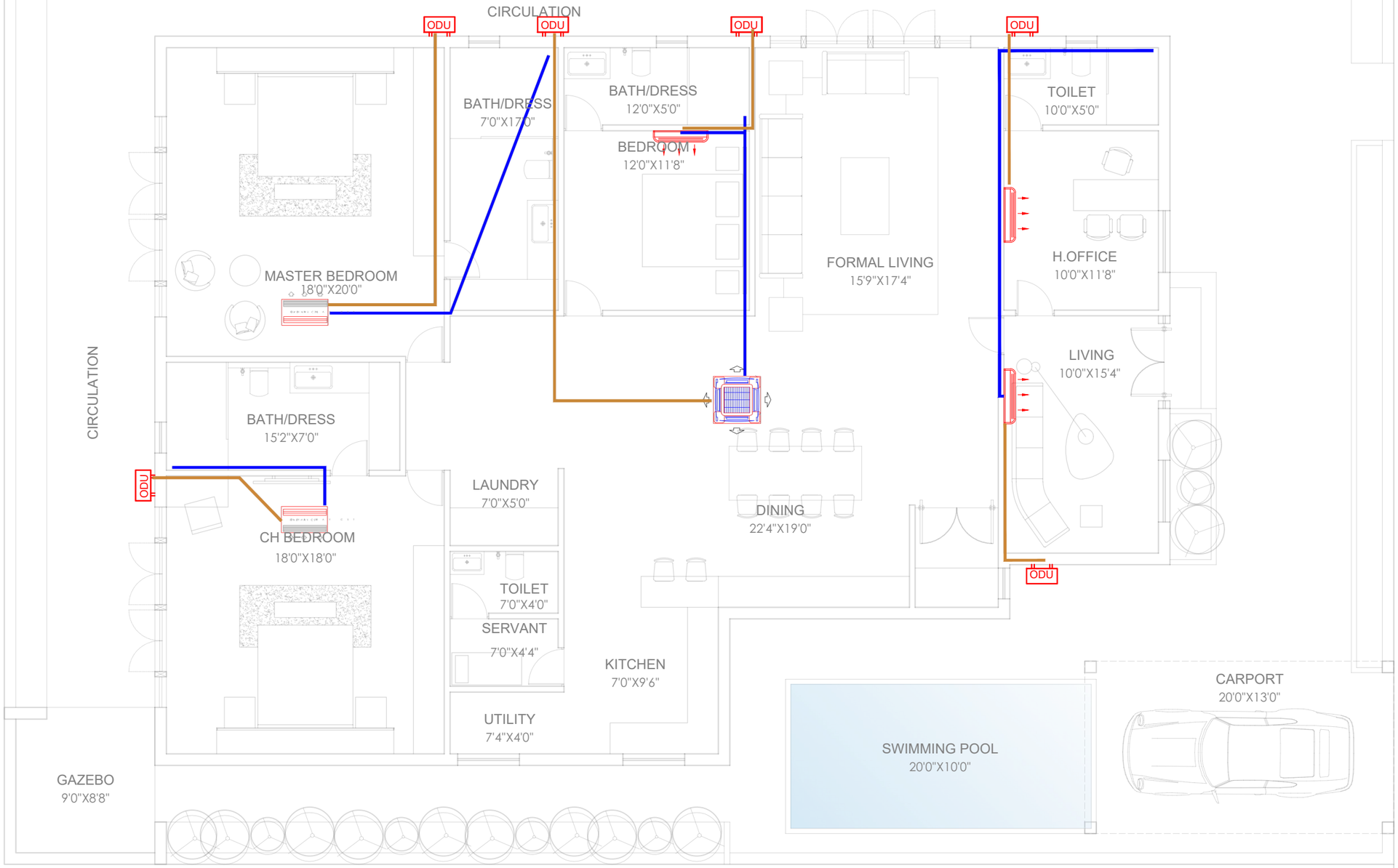
LEGEND :

- FAN
- LIGHT
- ONE WAY SWITCH[5A/6A]
- TWO WAY SWITCH[5A/6A]
- ONE WAY SWITCH[15A/16A]
- TWO WAY SWITCH[15A/16A]
- 5A/6A SWITCH SOCKET
- 20A MCB FOR AC
- 5A/6A SOCKET ONLY
- AC POINT
- SWITCH BOARD
- MAIN DISTRIBUTION BOARD[MDB]
- TELEPHONE
- CHANDELIER
- EXHAUST FAN

TITLE : RESIDENTIAL BUILDING -LIGHTING LAYOUT

NAME OF THE DESIGNER :VANI PAMU

NAME OF THE COLLEGE :ACADEMY OF APPLIED ARTS



LEGEND :

ODU — OUTDOOR UNIT

TWO WAY AC

DRAIN PIPE

ONE WAY AC

AC

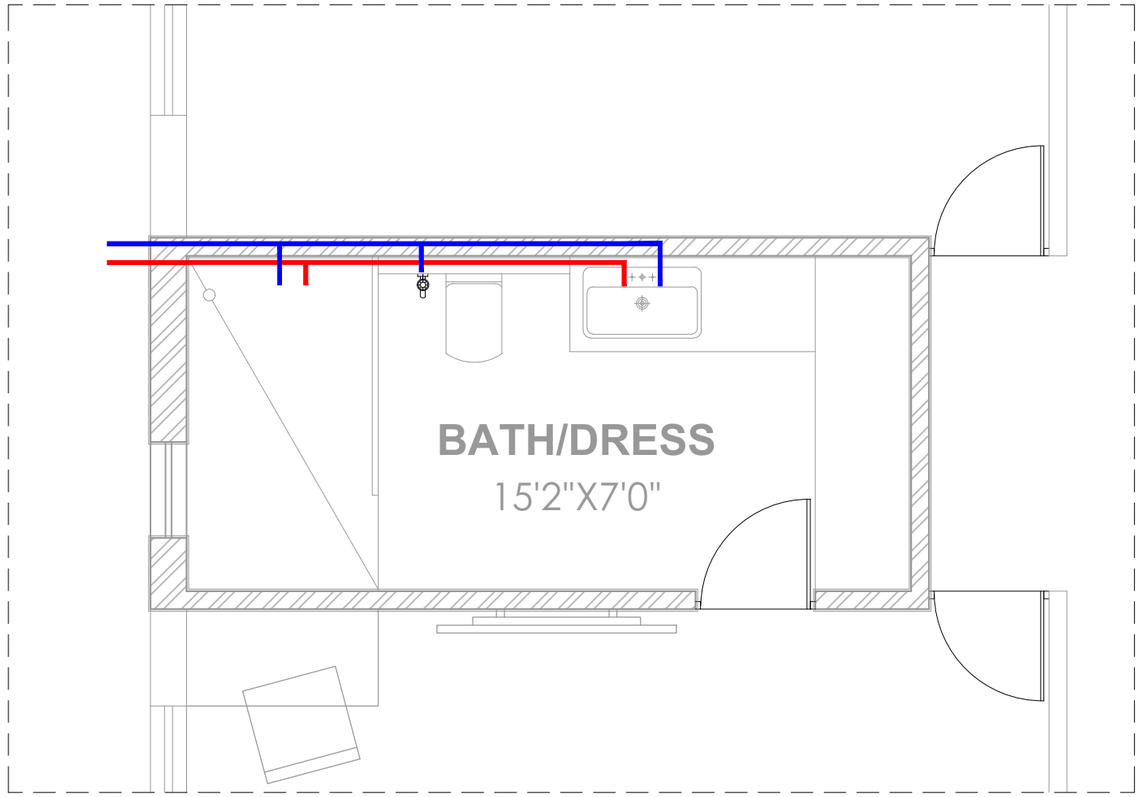
COPPER

TITLE : RESIDENTIAL BUILDING -HVAC LAYOUT

NAME OF THE DESIGNER :VANI PAMU

NAME OF THE COLLEGE :ACADEMY OF APPLIED ARTS

PLUMBING LAYOUT

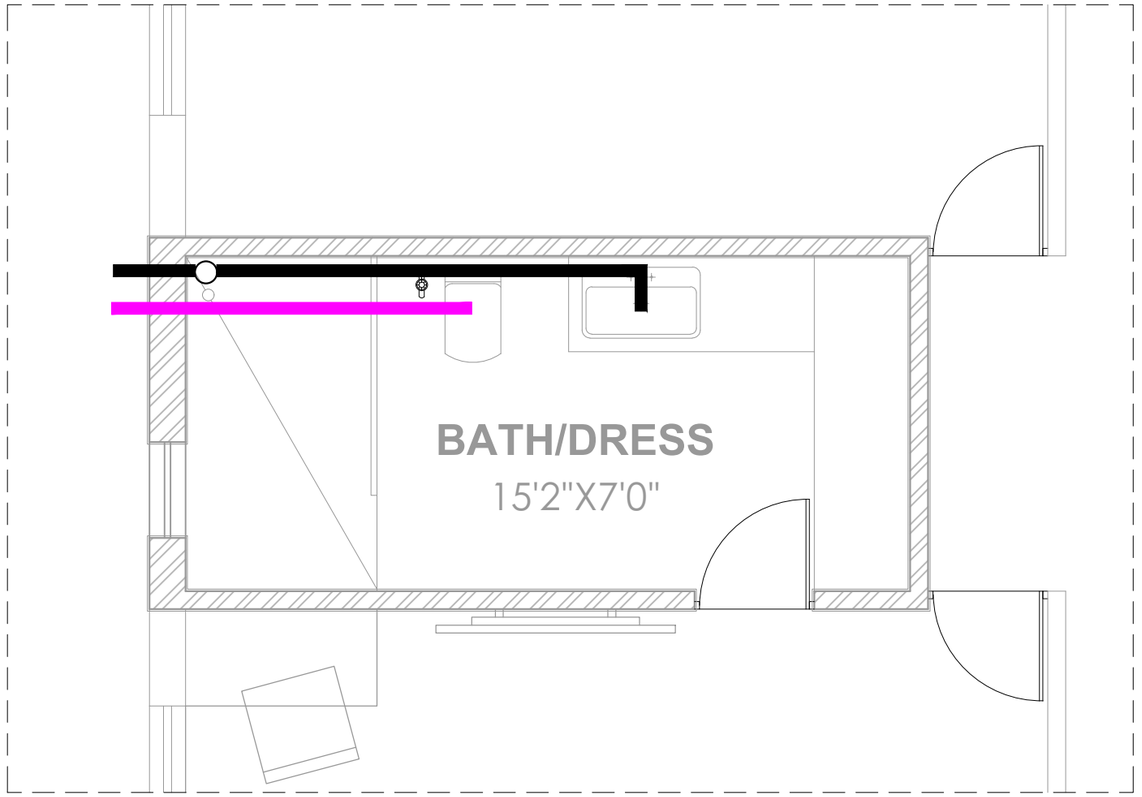


LEGEND :

— CWS-COLD WATER SUPPLY

— HWS-HOT WATER SUPPLY

SANITARY LAYOUT



LEGEND :

— SP-SOIL PIPE

— WP-WASTE PIPE

TITLE : RESIDENTIAL BUILDING -PLUMBING AND SANITARY

NAME OF THE DESIGNER :VANI PAMU

NAME OF THE COLLEGE :ACADEMY OF APPLIED ARTS

PENDENT LIGHT&CHANDLER
RECESSED CEILING LIGHT
WALL WASHERS
PATHWAY LIGHT
TRACK LIGHT

DAY VIEW

NIGHT VIEW