

A3 DESIGN STUDIO

ARCHITECTURAL DRAWING III

adeline



Architect and interior consultant firm

VISION

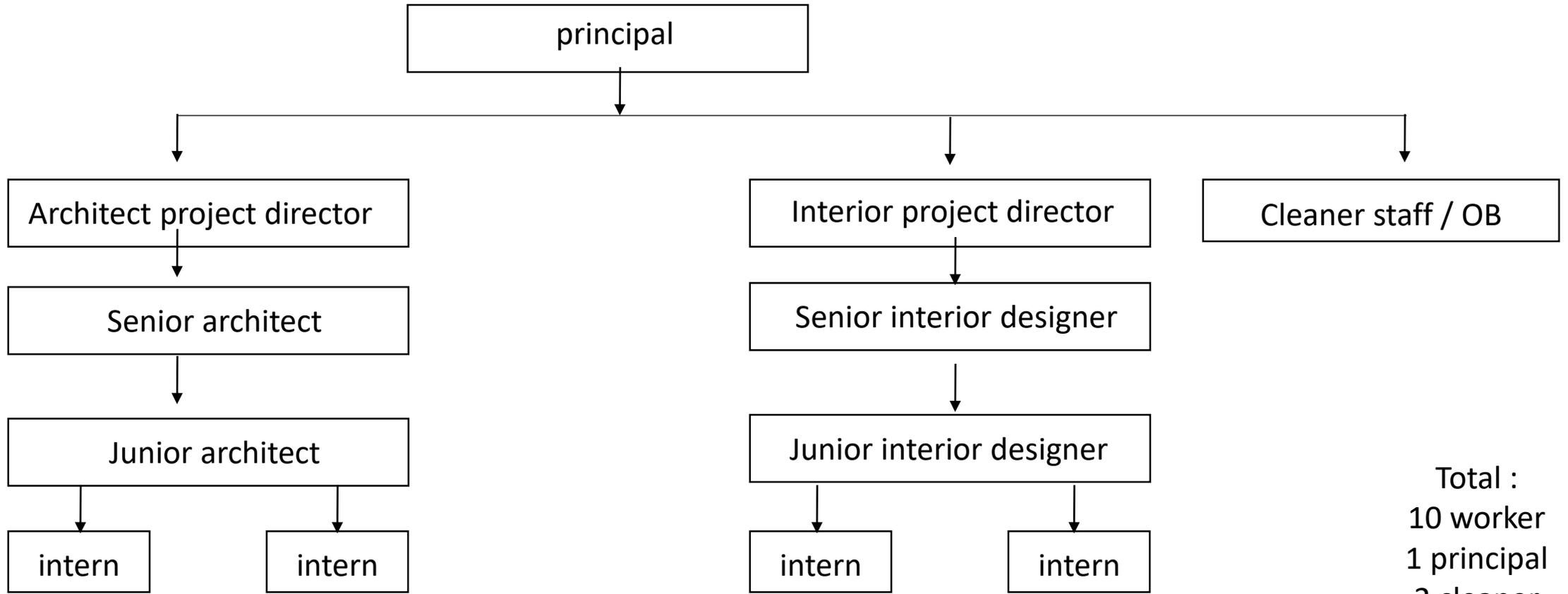
Approaching architecture not only on the art of the process, but also how it interact with the user by creating an acredible and professional quality design through an level service

MISSION

Producing a good quality of architectural works

Providing solutions to problems faced by clients

Improving the quality of human resources who have innovation and creativity



Total :
10 worker
1 principal
2 cleaner





A1
ARCHITECTURAL DESIGN
AND DRAWING

A2
3D RENDERING

A3
INTERIOR DESIGN

DESIGN CONCEPT

Preparing design ideas and concepts for the project



DESIGN SCHEMATIC

Realise design concept of the project into 2d and 3d



DESIGN DEVELOPMENT

Developing and finalizing design schematic into technical drawings while coordinating with client and engineer consultant



TENDER DRAWING (OPT)

Finalising all design and technical drawing and providing construction drawings with complete material specifications

Scope of work





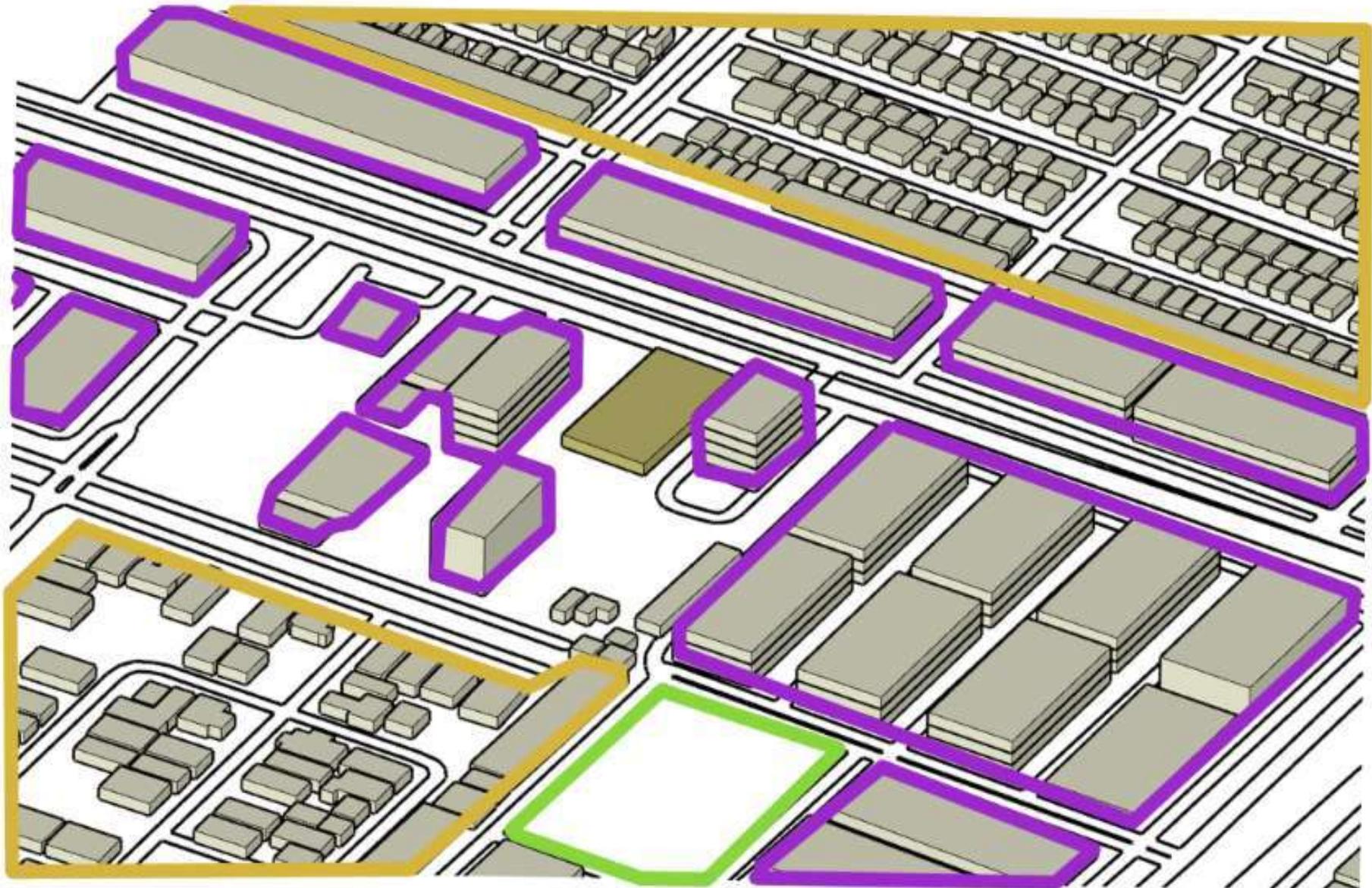
- Principal room
- Architect & interior project director, seniors, juniors, and intern work in an open space (computer room gtu)
- Printing room / area
- Maquette room / area
- Material library
- Meeting room for internals n guest (digabung)
- Common room for relaxing and lunch (break area)
- Parking area (for cars and motorcycle)
- Toilet
- musholla
- Kitchen



Kode Blok	03
Sub Blok	004
Sub Zona	K.2 Sub Zona Perdagangan dan Jasa
TPZ	
CD TPZ	
ID Sub Blok	004.K.2
Zona	ZONA PERKANTORAN, PERDAGANGAN, DAN JASA
PSL	KP
KDB	55
KLB	3
KB	8
KDH	35
KTB	50
Bangunan Terbatas	Rumah Susun, Gudang Tertutup
Bangunan Terbatas Bersyarat	-
Luas	26,862.05



LOCATION & ORIENTATION



35 x 33.6 m
= 1176 m²
Jalanan 3 jalur = 8- 10 m

GSB : 5 m
KDB : 55, 646.8 m²
KLB : 3
KB : 8
KDH : 35%, 411,6 m²
KTB : 50





inspiration





GROUND FLOOR



2nd FLOOR



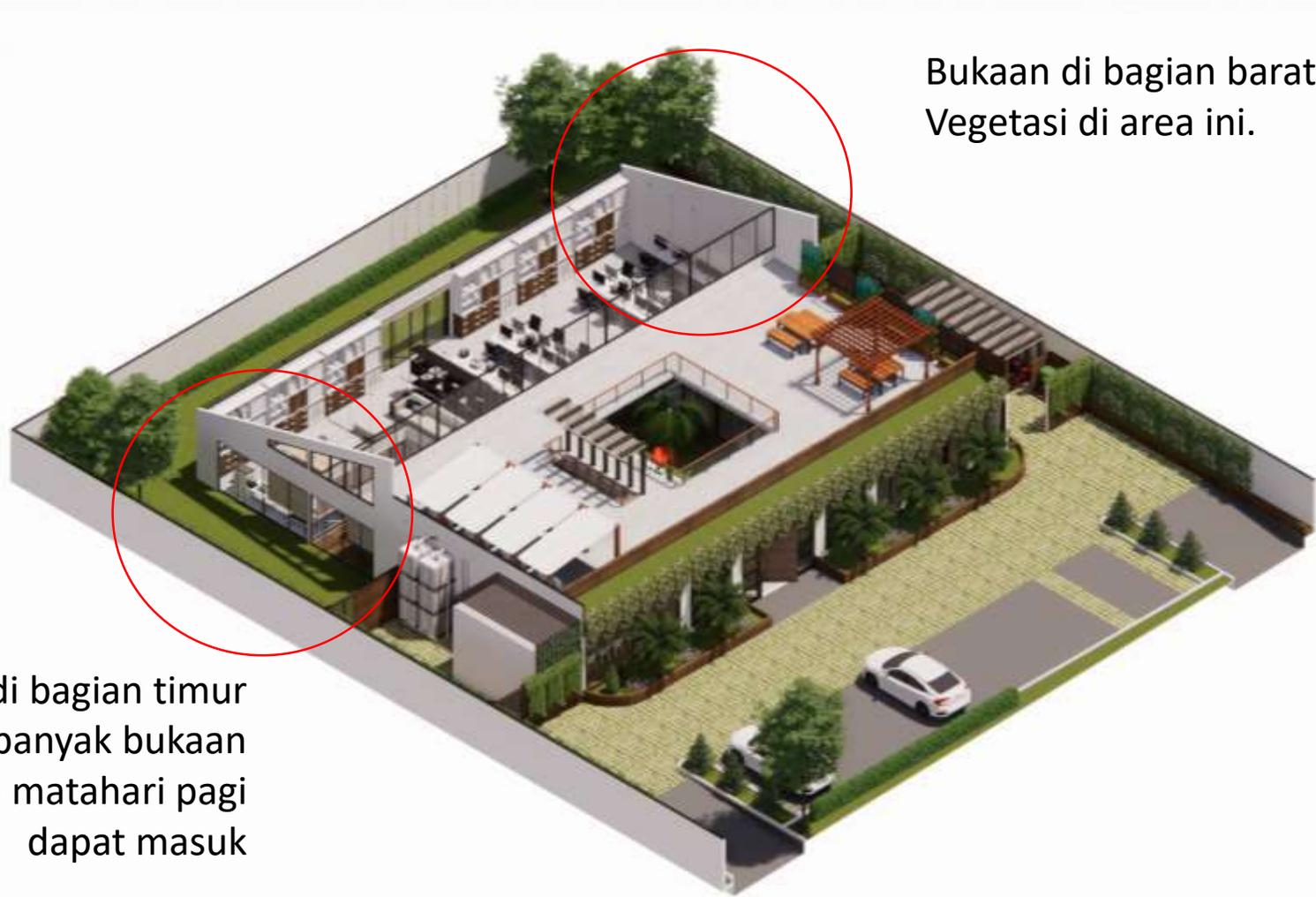
06.45

12.30

15.00



Penggunaan **solar tracker** di bagian atap bangunan yang tidak terkena bayangan



Bukaan di bagian barat diminimalisir dan memperbanyak Vegetasi di area ini.

Adanya void di tengah bangunan untuk promote cross ventilation dan pencahayaan alami

Massa di bagian timur diberi lebih banyak bukaan sehingga matahari pagi dapat masuk



Penggunaan warna terang untuk mengurangi panas yang Terserap ke bangunan

Menurut Green Building Council Indonesia, dibutuhkan area Hijau di dalam site dengan minimal sebanyak 10% dari luas Lahan dengan komposisi 50% lahan tertutupi luasan Pepohonan dan perdu



Penggunaan **grassblock** di bagian hardscape untuk membantu tercapainya 'zero run off'



Menggunakan Holcing semen serba guna yang memiliki sertifikasi Green label dari Singapore environment council



TL220DD112 SPECIFICATIONS



Warranty Lifetime	: Limited Warranty (Residen
Material	: Brass
Maximum Flow Rate	: 1.2 gpm (4.5 lpm)
Shipping Dimensions	: 13-1/2'L x 7-1/2'W x 4-3/4'I
Shipping Weight	: 8.2 lbs.
Capacity	: <8 liter / minutes



CST243EF (R) SPECIFICATIONS

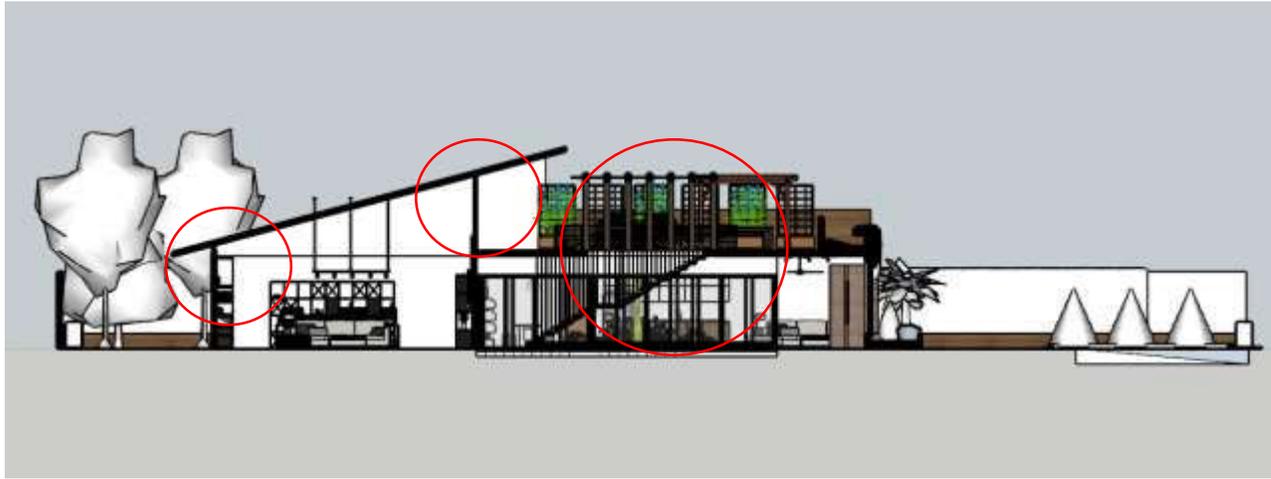
Water Use	: 1.28GPF/4.8 LPF
Flush SYstem	: E-Max
Warranty	: One year limited warranty
Material	: Vitreous china
Min. Water Pressure	: 8 psi (flowing)
Water Surface	: 8-3/8' x 10-1/2'
Trap Diameter	: 2-1/8'
Rough-in	: 12'
Trap Seal	: 2-3/8'
Shipping Weight	: C243EF - 52 lbs
Capacity	: <6 liter / flush

Rain water akan digunakan untuk menyiram tanaman, dan flush kloset

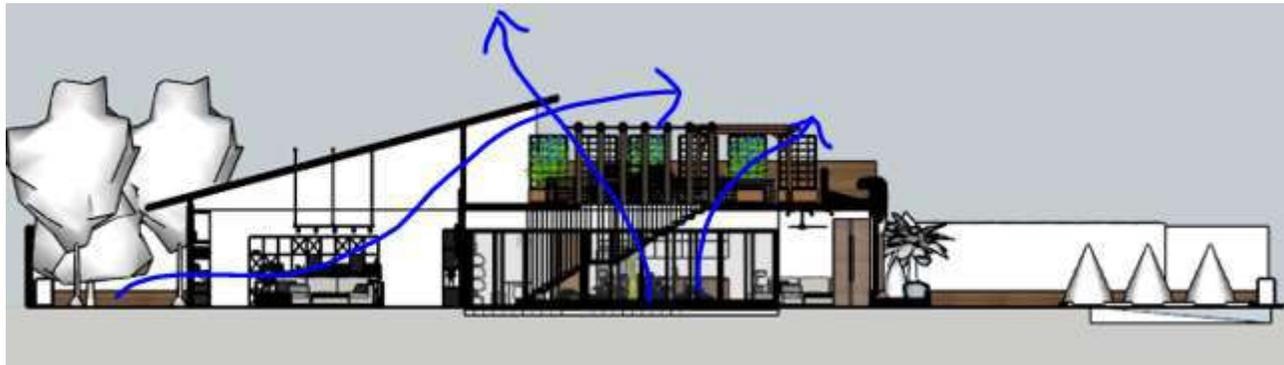
Recycle water – alternative water - air bekas wudhu, air kondensasi AC dan air hujan

WATER CONSERVATION – LOW FLOW





Adanya penggunaan clerestory dan void yang berfungsi sebagai passive cooling, dan pencahayaan alami



Penggunaan thermostat di dalam kantor sehingga IAQ tetap tercapai, namun dapat menghemat penggunaan HVAC / listrik



LED Bulb
18 W (130W), E27 cap, cool daylight,
220-240 V* Technical Specifications

Bulb Characteristic

Shape : Bulb
Cap/fitting : E27
Dimmable : No
Lamp shape code : A67
Voltage : 220-240 V

Durability

Lifetime of lamp : 15000 hour(s)
Number of switch lifes : 50000
Lumen maintenance factor : 0.7
Average life (at 2.7 hrs/day) : 15 year(s)

Rated values

Rated power : 18 W
Rated luminous flux: 2000 lumen
Rated lifetime : 15000 hour(s)
Rated beam angle : 130 degree

Power consumption:

Wattage : 18 W
Wattage equivalent : 130 W
Power consumption per 1000h : 18 kW-h

ACTIVE AND PASSIVE LIGHTING

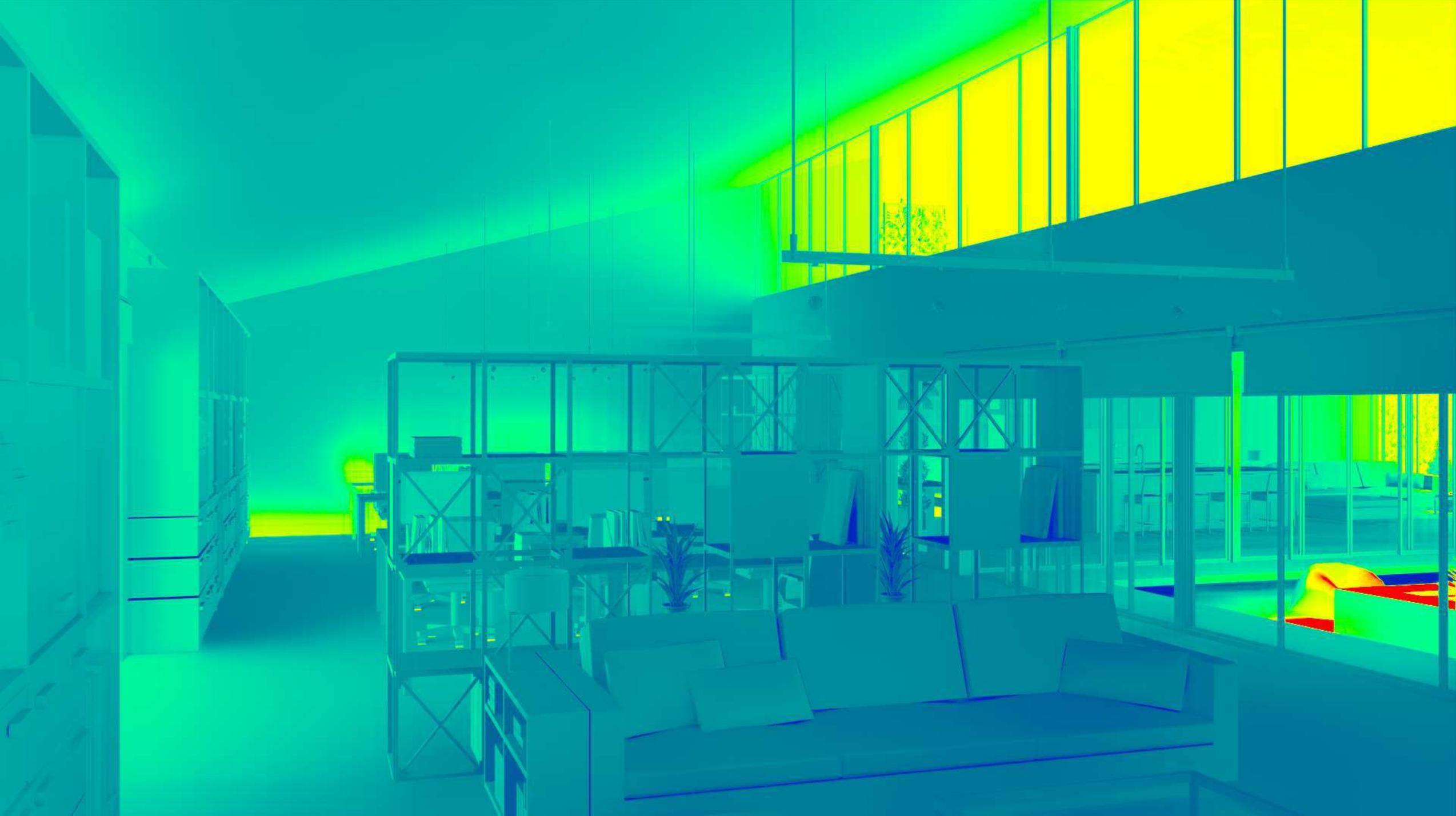


TIPE	NAMA	FUNGSI	DESKRIPSI
Pohon	Ketapang Kencana	Filtrasi udara	Tinggi 3 – 10 m
	Kersen	Bayangan peneduh	Tinggi 3-6 m Diameter 2-3 m
Shrub	Chlorophytum comosum / spider	Pembersih udara	Penyerap polusi
	asoka	Mengusir nyamuk	Tanaman hias, dan obat
	Lee kwan yew	Bayangan peneduh	Tanaman rambat, dan hias
Rumput	Rumput gajah	Penutup tanah	Dapat menyesuaikan keadaan tanah









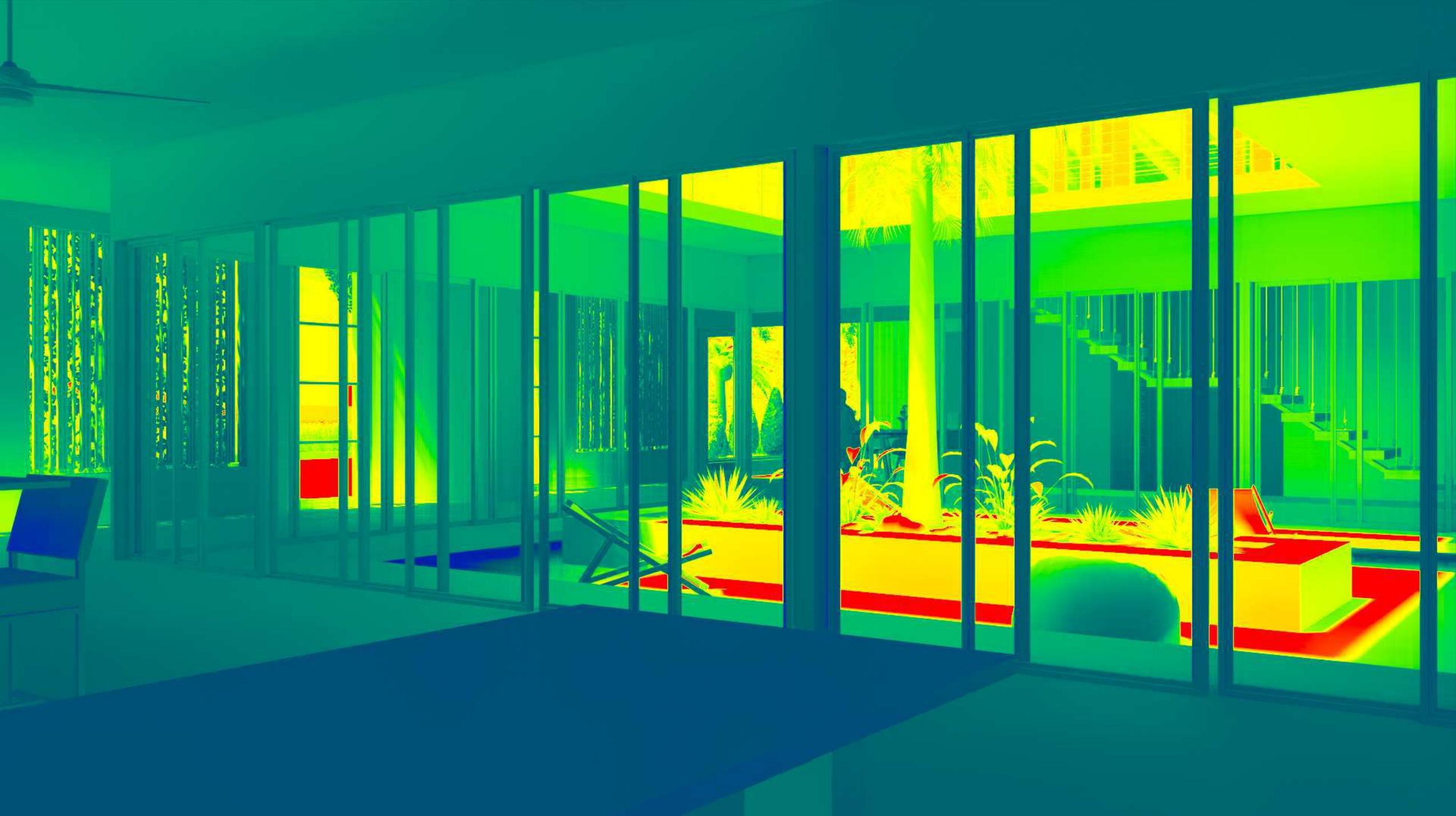




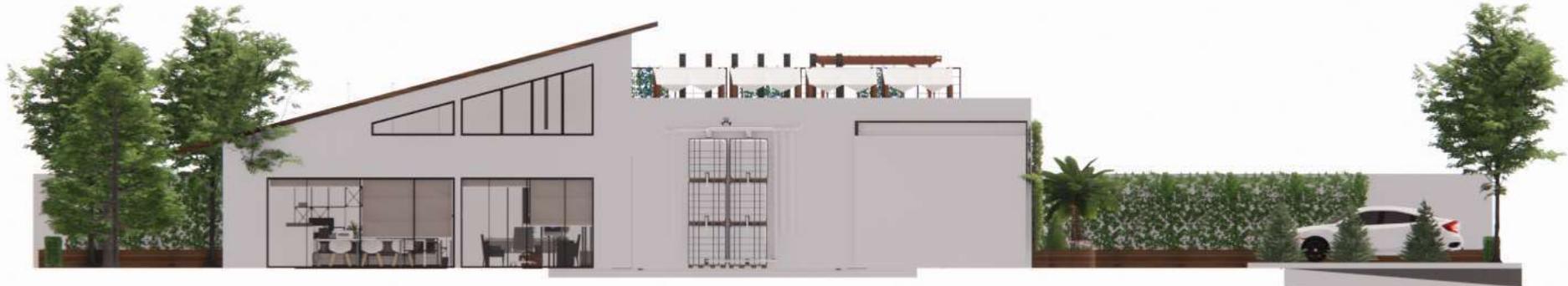












SECTION





GROUND FLOOR AXONOMETRY



2nd FLOOR AXONOMETRY



GROUND FLOOR LAYOUT



2nd FLOOR LAYOUT



THANK YOU