



Andres Lozano Reyes
Ph.D. Architect

SUSTAINABLE ARCHITECTURE
ARCHITECTURAL BIOCLIMATIC DESIGN

PROFESSIONAL PIONEER
PROACTIVE

BORN
31 MARCH 1966
BOGOTÁ D.C - COLOMBIA

STATUS
MARRIED 2 CHILDREN

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CARRERA 49C # 100-08
CITOFONO 24 - BOGOTÁ

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SOCIAL NETWORKS
 Andres Lozano Reyes
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 andres.lozano.reyes

LANGUAGES

SPANISH
NATIVE

ENGLISH
MIDDLE B2
ILETS 6.5

CATALÁN
SUFICIENCIA
C1

EDUCATION

CENTRO DE ESTUDIOS DE LA ENERGÍA SOLAR
(CENSOLAR):
SEVILLA-ESPAÑA 2016 - 2018
INSTALLER DESIGNER OF RENEWABLE ENERGIES

UNIVERSIDAD POLITÉCNICA DE CATALUNYA:
ETSAB
BARCELONA-ESPAÑA 1997-2014
Ph.D. ARCHITECT: ARCHITECTURE, ENERGY AND ENVIRONMENT

UNIVERSIDAD POLITÉCNICA DE MADRID:
ETSAM
MADRID-ESPAÑA 1994
SPECIALIST IN ENVIRONMENT AND BIOCLIMATIC ARCHITECTURE.

UNIVERSIDAD DE LOS ANDES
BOGOTÁ D.C. - COLOMBIA 1990
ARCHITECT

ACTIVITIES

AND HOBBIES

READING
LITERARY GENRES: Personal growth, Nature and meditation, Environment, Architecture, Astrology, Art, History, Awareness.

MOVIES
FILM GENRES: Documentaries of nature, adventure, science fiction.

SWIMMING AND WALK

PORTFOLIO

Latest projects

BIM Team
Revit

1990 - 2018

Hospital HDC.

316.458 Sq F - 2017

Location:

Tunja –Colombia.
Ln 4° 53".

Weather:

TM 13°C.
Humidity: 76%

Estructure:

Concrete.

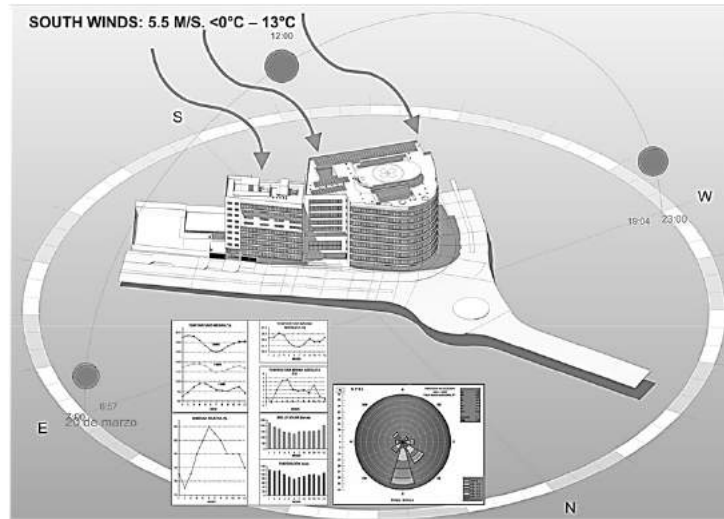
Facades:

Glass, Concrete and
panel Dryvit Outsolation
plus.

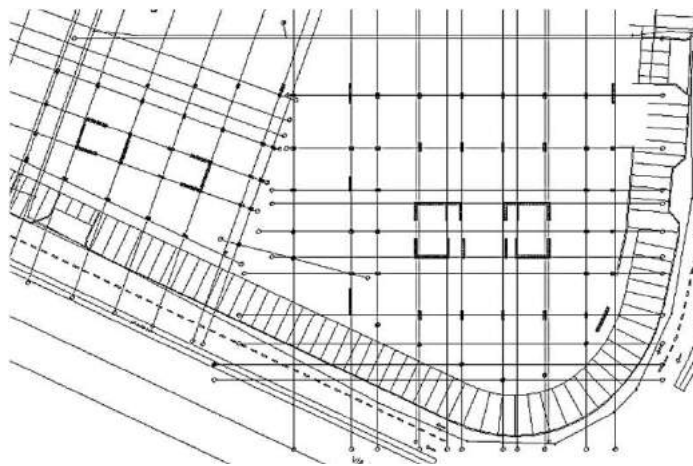
Program:

Emergency,
Diagnostic Image,
Laboratoy,
Consultants,
Cardiology,
Neurology,
Renal Unit, Oncology,
Obstetric, UCIs
6 Surgery rooms,
Obstetrics,
260 rooms.

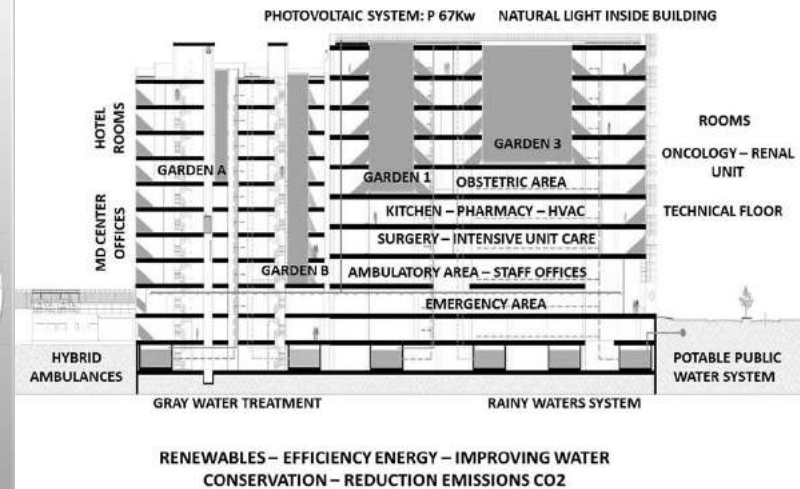
WEATHER



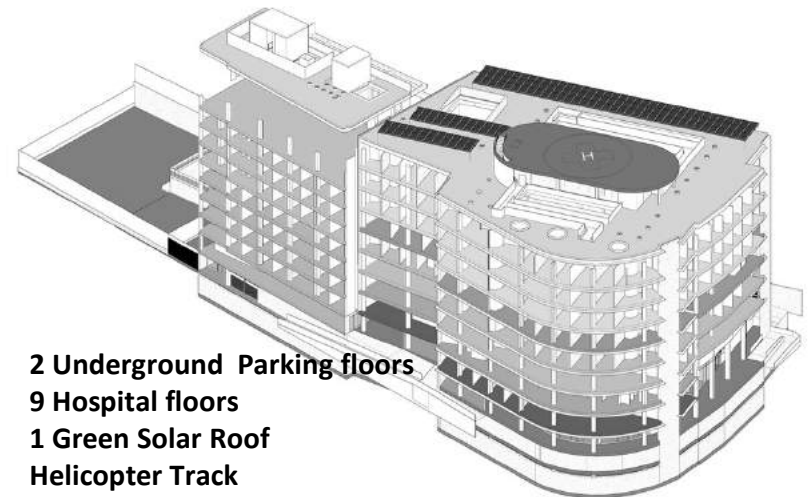
STRUCTURE



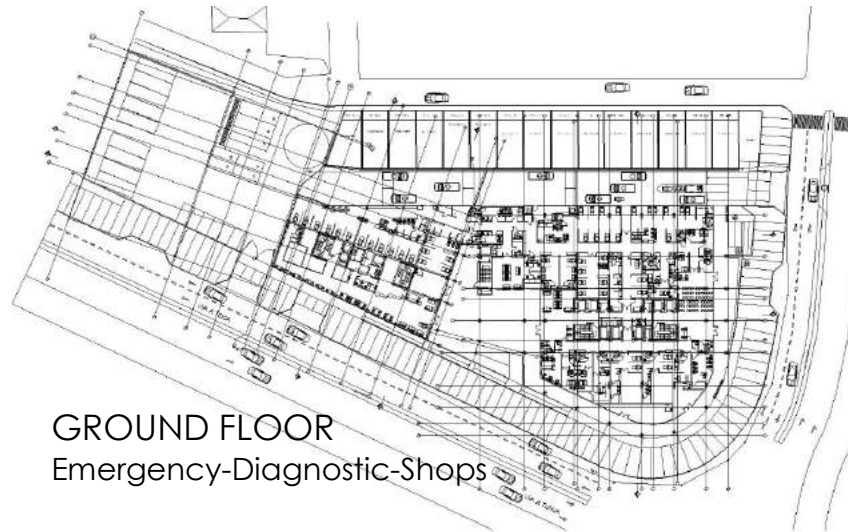
SPATIAL ORGANIZATION



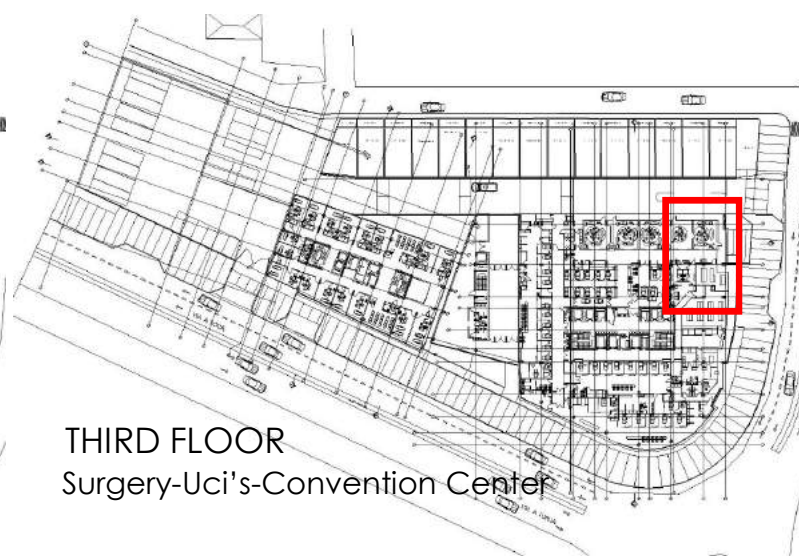
VOLUMETRY



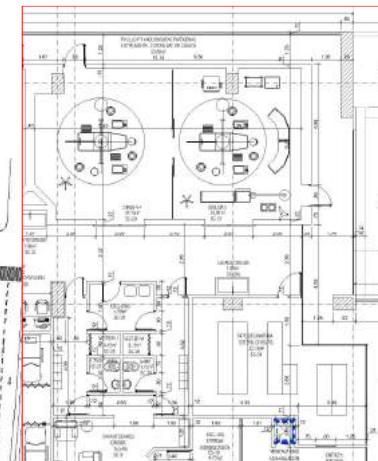
Hospital HDC. 316.458 Sq F - 2017



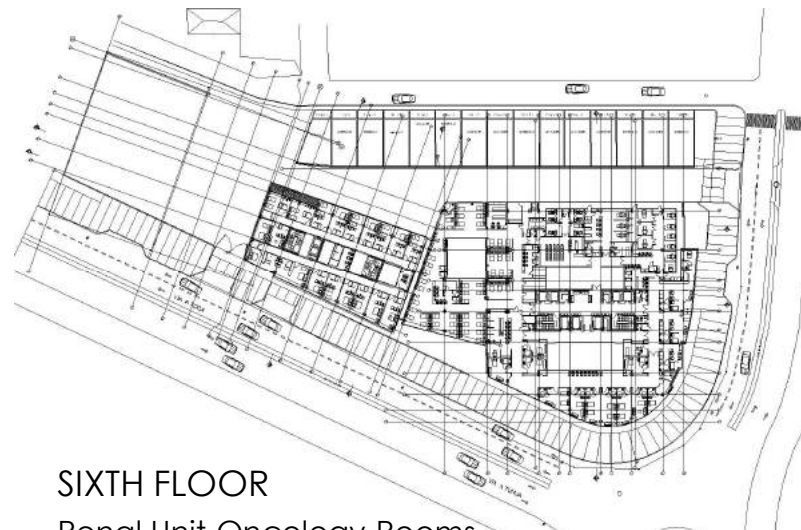
GROUND FLOOR
Emergency-Diagnostic-Shops



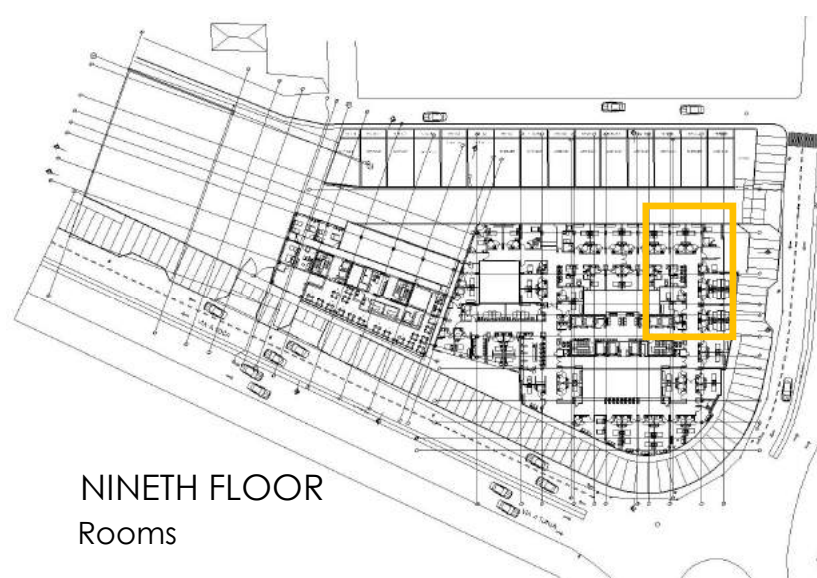
THIRD FLOOR
Surgery-Uci's-Convention Center



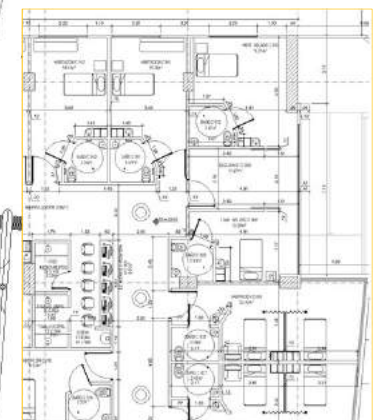
Det: Surgery-
Sterilization
Cleaing hall



SIXTH FLOOR
Renal Unit-Oncology-Rooms



NINTH FLOOR
Rooms



Det: Isolation Rooms
Nursing staff

Hospital HDC. 316.458 Sq F - 2017



SECTION G-G



FACADE WEST



FACADE NORTH-EAST



FACADE NORTH-WEST

MD OFFICES - HOTEL

96.857 Sq F - 2017

Location:

Tunja –Colombia. Ln 4° 53".

Weather:

TM 13°C.

Estructure:

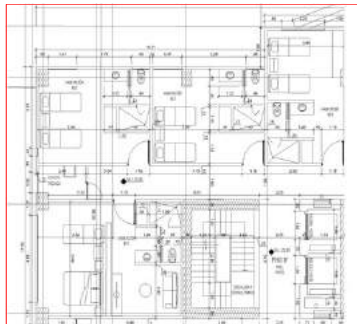
Concrete.

Facades:

Glass, Concrete and panel
Dryvit Outsolation plus.

Program:

68 MD Offices
Lobby
57 Hotel Rooms
Spa
Restaurant
Solarium



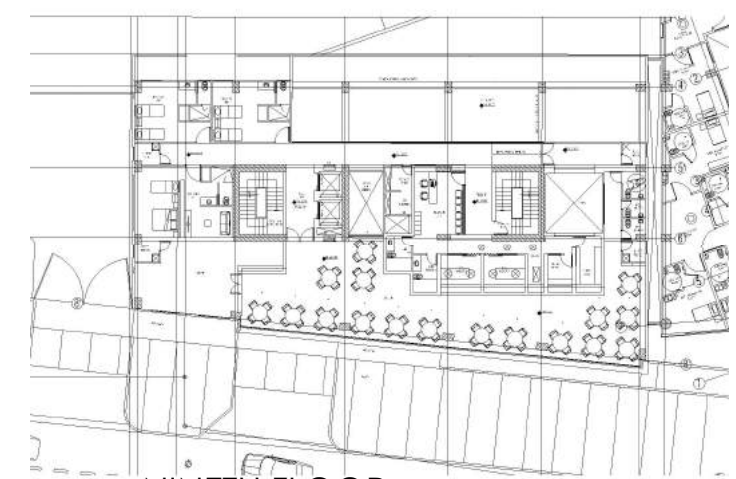
UNDERGROUND FLOOR
HOTEL LOBBY-PARKING-SERVICES



SIXTH FLOOR
HOTEL ROOMS-STAIRS-ELEVATORS

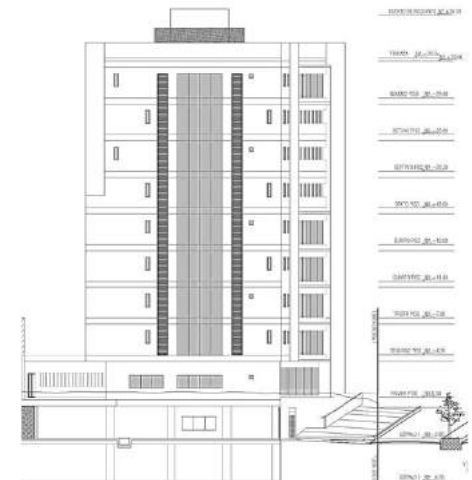
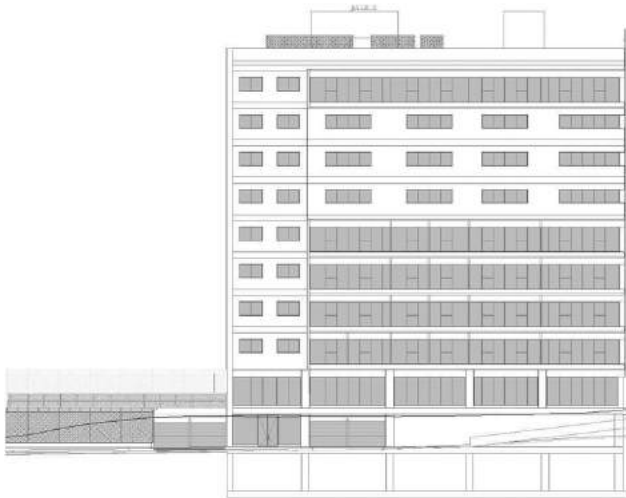
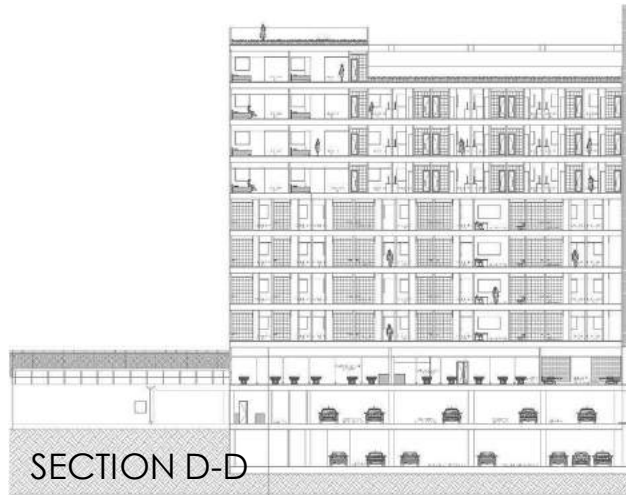


SECOND FLOOR
MD OFFICES-STAIRS-ELEVATORS



NINETH FLOOR
SPA-RESTAURANT-ROOMS

Hotel – MD Offices 96.857 Sq F - 2017



Apartamentos Yopal

37.637 Sq F - 2013

Location:

Yopal –Colombia. Ln 5° 19'

Weather:

TM 26°C.

Estructure:

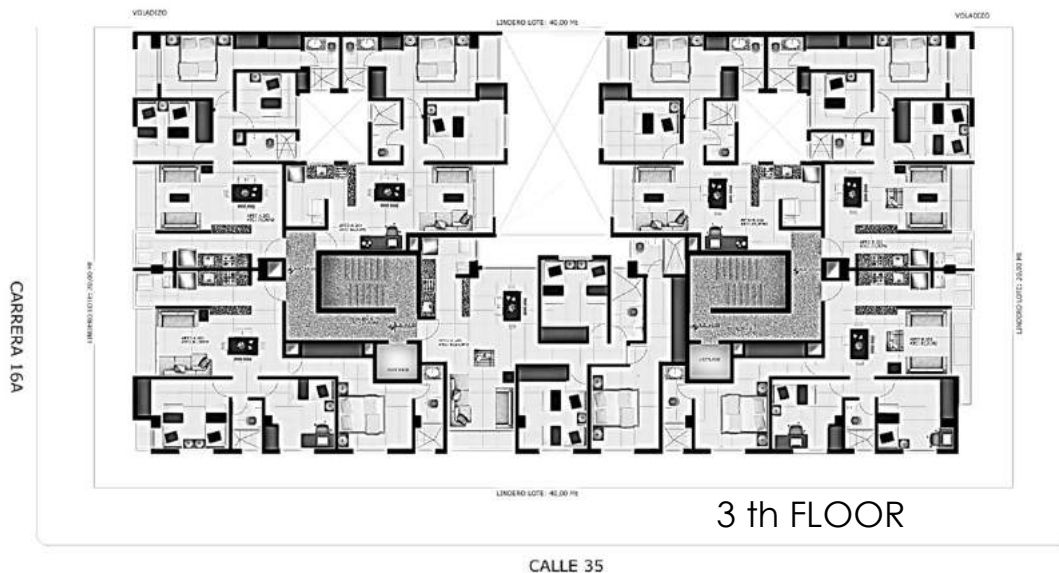
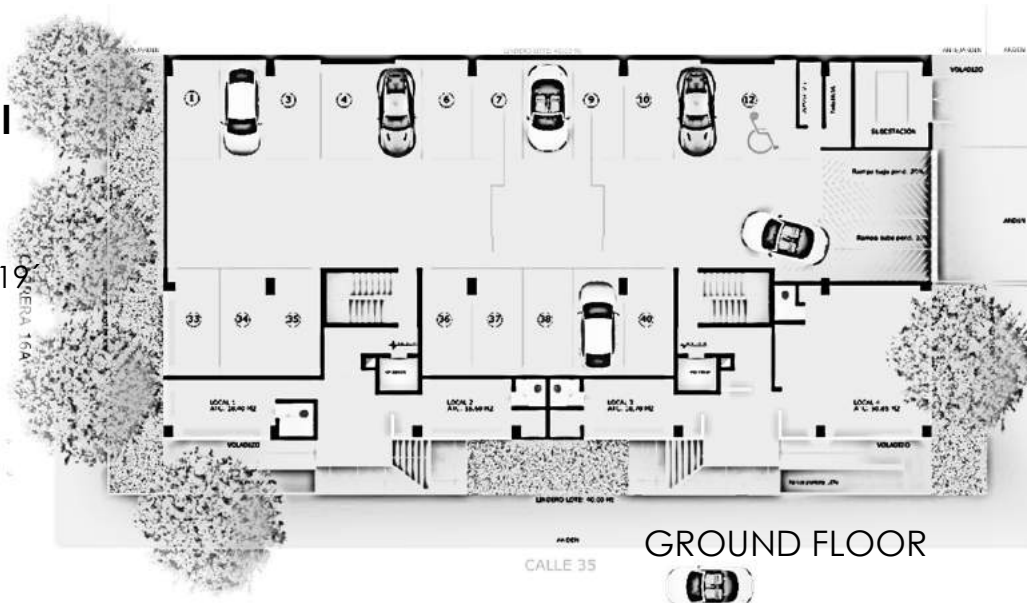
Concrete.

Facades:

Glass, Concrete, Brick
And Wood

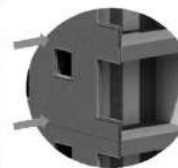
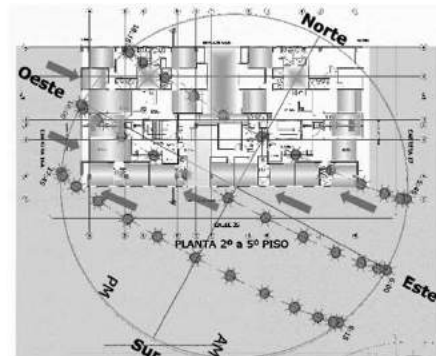
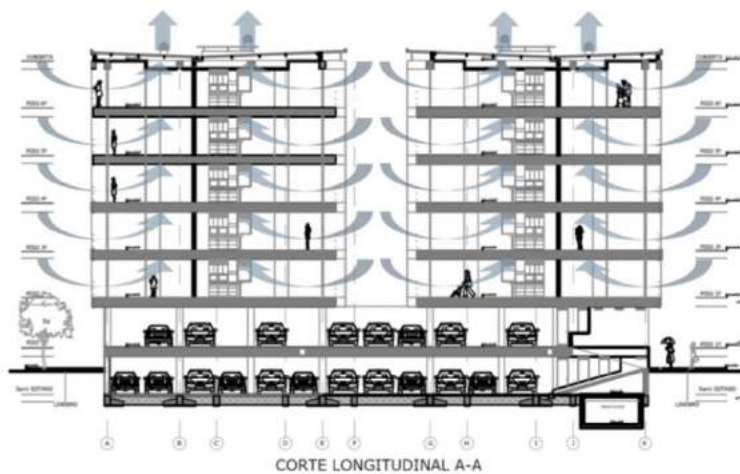
Program:

35 apartamentos
Green Roof
BBQ
35 parkings
2 Shops
Stairs
Elevators



Apartaments Yopal

37.637 Sq F - 2013



LIBRARY San Andrés Island

36.597 Sq F - 2014

Location:

San Andres Island
Colombia. Ln 12° 35'

Weather:

TM 27°C.
Humidity 80%

Estructure:

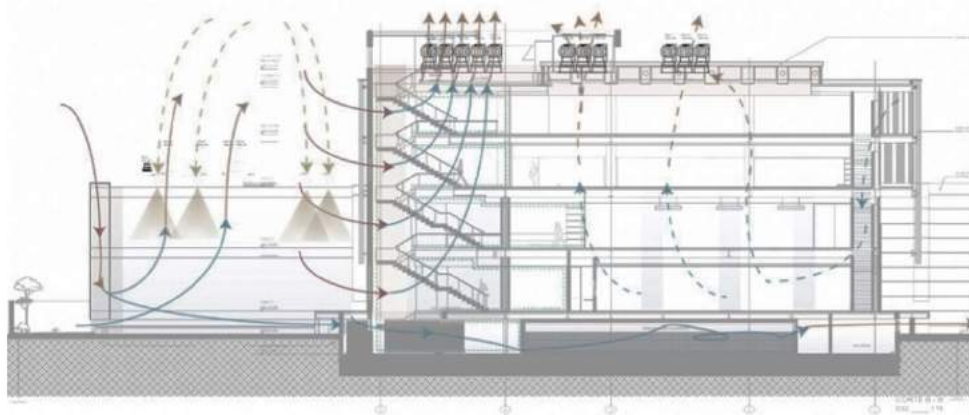
Concrete.

Facades:

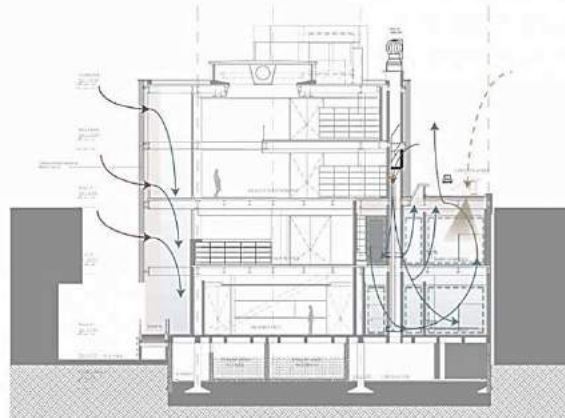
Glass, Concrete and Brick

Program:

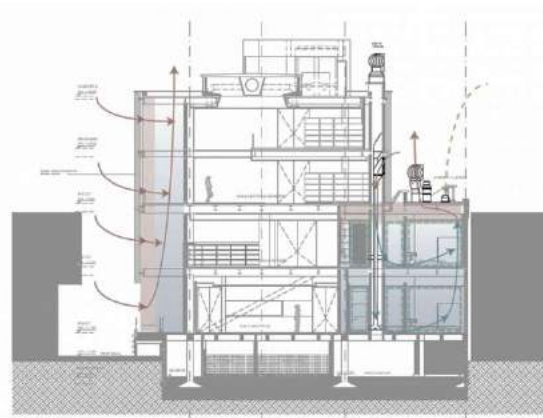
Lobby
Open Library
Diposit
Services
Study Rooms
Offices
Parkings
Exhibition Room



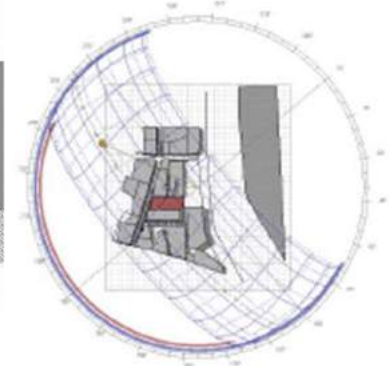
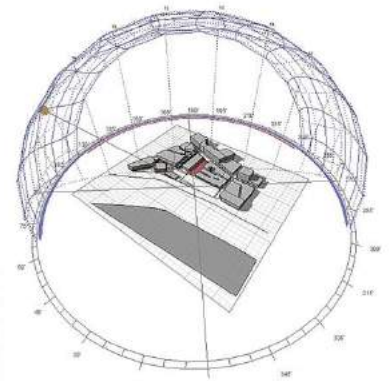
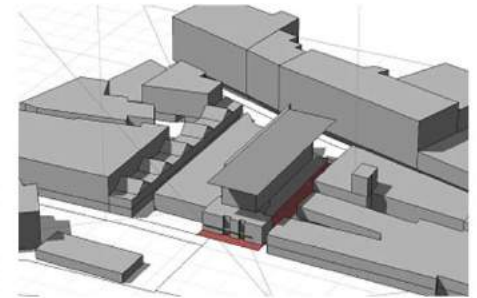
Natural air extraction



Natural air ventilation

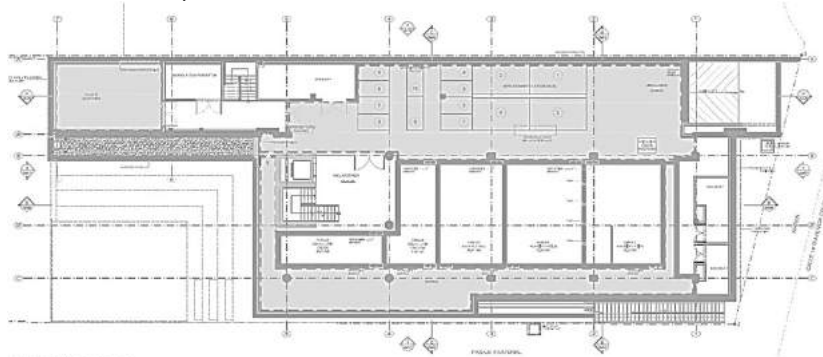


Natural air extraction

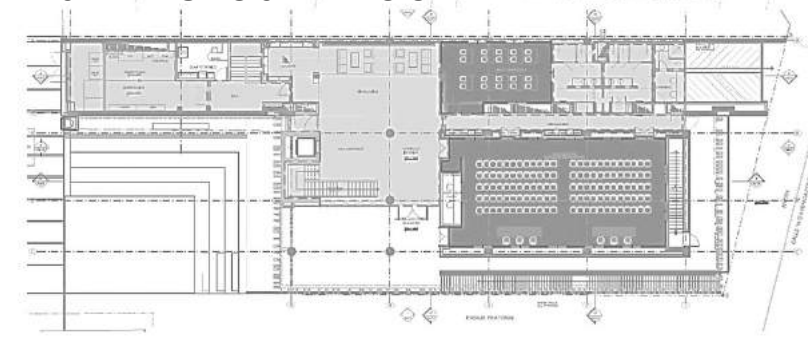


LIBRARY San Andrés - Island

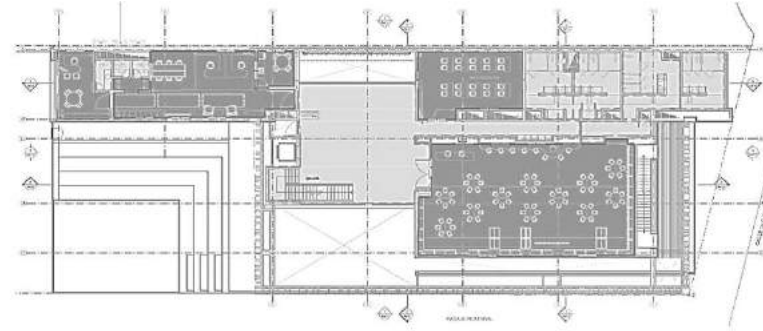
36.597 Sq F - 2014



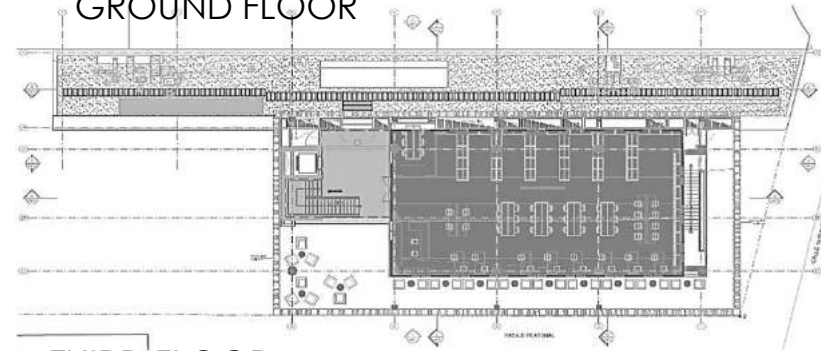
UNDERGROUND FLOOR



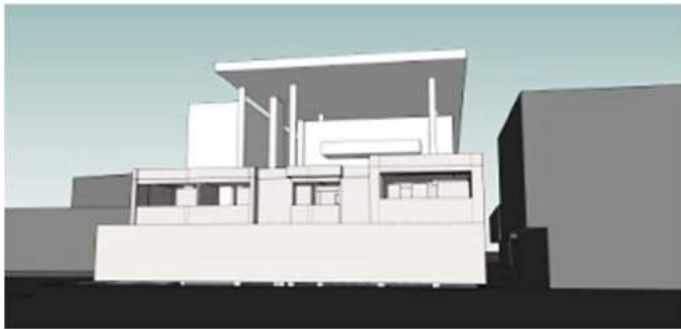
SECOND FLOOR



GROUND FLOOR



THIRD FLOOR



WORK EXPERIENCE – Spain

1997 - 2008

TELPA S.L.: 2003-2005

Project Architect, Building Supervisor

SERVIMUTUA DE EDIFICIOS: 2002-2005

Project Architect, Building Supervisor

RAMIRO SOLINA I ANGELET: 2000-2002

Project Architect

WORK EXPERIENCE – Colombia

1990 – 1997 / 2008 - 2018

ARQUITECTURA Y ENERGÍA 2008-2018

Principal Project Architect, Building Manager

PIZANO PRADILLA CARO RESTREPO LTDA: 1991-1997

Project Architect

TEACHING EXPERIENCE

1994-1997 / 2009-2012

SANTO TOMAS UNIVERSITY: Tunja Colombia 2009-2012

Proffesor Bioclimatic Projects – Sustainable Urbanism

ANDES UNIVERSITY: Bogotá D.C. Colombia 1994 - 1997

Proffesor Bioclimatic Projects

PUBLICATIONS

From Contemporary City to Sustainable City. Magazine

ESCALA N° 216, año 45. Pag. 7 a 13. 2009.

L'Aprenantatge del medi ambient a l'arquitectura. Barcelona.

Magazine Web: www.ideasostenible.net. Año 1, Numero 5. 2004

Architecture and Nature, Brief historical notes. ETSAB.

Departamento de Proyectos. J. Muntañola. Magazine KHORA 5, Editions UPC. 1999.

Education Architecture, San Pedro Claver School. Magazine

ESCALA N° 174, año 30. Pag. 45 a 51. 1996.

Nacional Competition of Architecture and Urbanism, Carlos Lleras

Restrepo. Fondo Nacional del Ahorro. Pag. 62 a 63. 1991.

RESEARCH

BUILDING AND CLIMATE ANALYSIS

Niamey House-Africa. Jean Prouvé.

ETSAV. Construction and Technology Departament.

Barcelona - SPAIN - 2007.

SUNLIGHT ANALYSIS, North Latitud 4°35'56"

ETSAM. Construction and Technology Departament.

Madrid – SPAIN 1994.

SOFTWARES

ECOTECT ANALYSIS, V5 2011.

REVIT ARCHITECTURE

AUTOCAD

3DMAX