



Tony Min
Glendale Community College

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Shenzhen Villa2

Shenzhen, China

2002-2008

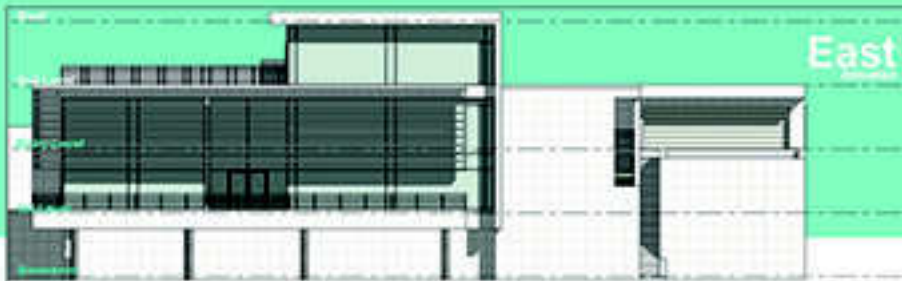
Each of the House in Shenzhen is designed as a unique luxury hillside residence, with the approach to program varying for each house while maintaining a common design approach. The house range in size from 600 to 1,000 square meters, and their overall height and number of floor is dictated by the siting of each house. The project brief required the creation of unique residential neighborhood that maintains formal balance with its mountain environment, and the siting and design of each house maximizes privacy and view while minimizing impact to the site.

The site is characterized by steep rolling land scape of mountains and valleys, and all five houses are situated on a steep hillside and oriented along an east-west axis, which maximizes views to the south while maintaining east-west exposure. All five houses are approached from the north, where the garage and driveway are located, through each house leads from an opaque northern facade to a glazed southern facade, where terraces and a pool are oriented to offer optimal exposure to the sun and views to the bay below.

A large double-height living room, situated to offer the best views to the south and east, functions as the centerpiece for each house. The dining spaces and kitchen are located adjacent to the living room to complete the public core. The bedrooms are located on one or two higher floors and separated from the public spaces to allow privacy, with the master bedroom enjoying the most privacy and best views. A family room is typically located adjacent to the bedrooms, providing an intimate living space. The lower floors and basement house recreation rooms and service space. Exterior spaces are inter-grated with the building structure as balconies and terraces along the southern facades, with overhangs and canopies protecting the outdoor spaces from sun and rain and allowing year-round use.



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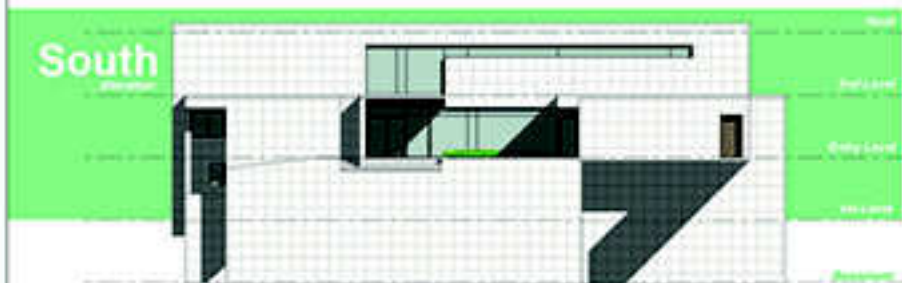
East



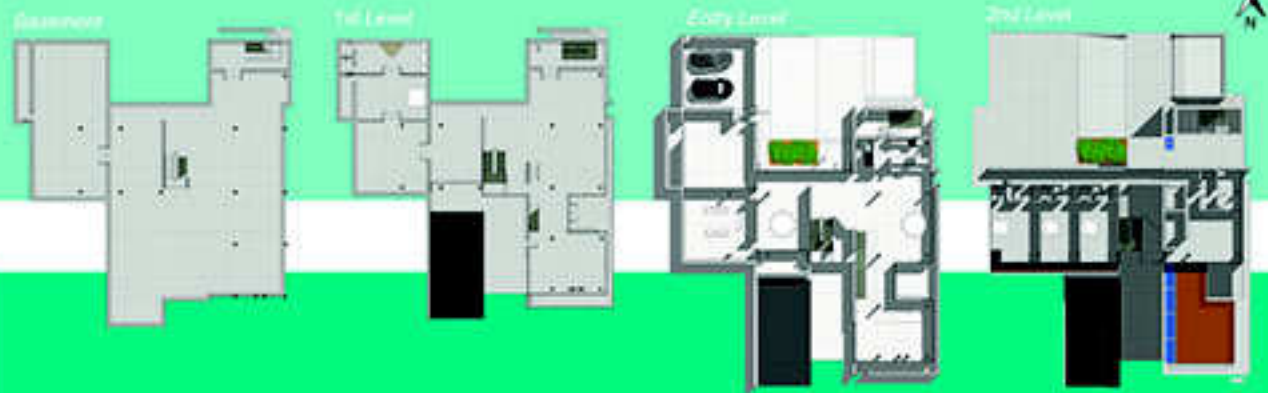
North



West



South



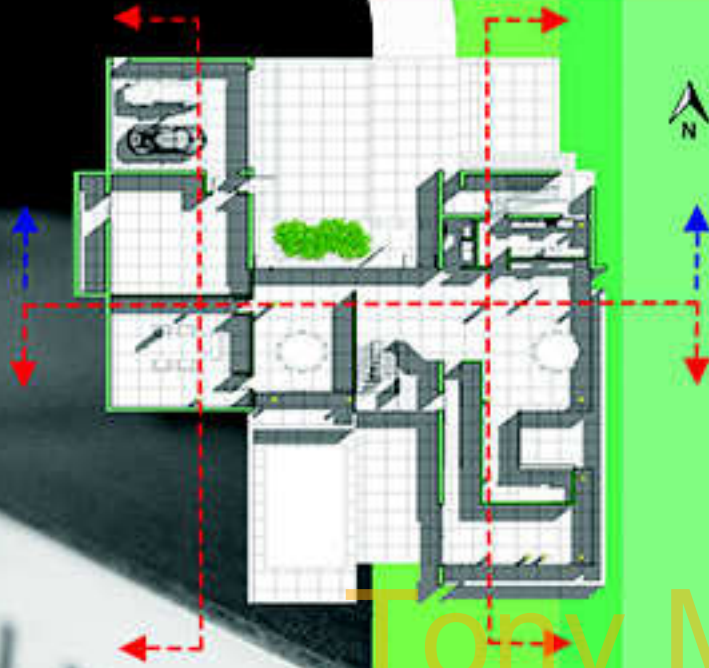
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PROGRAMS

- PUBLIC
- PRIVATE



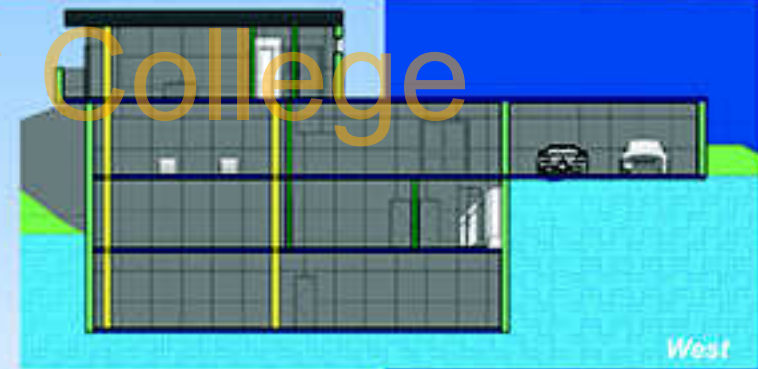
SECTIONS



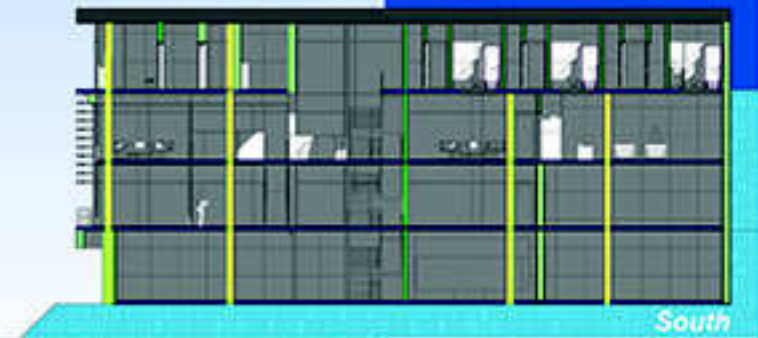
North



East



West

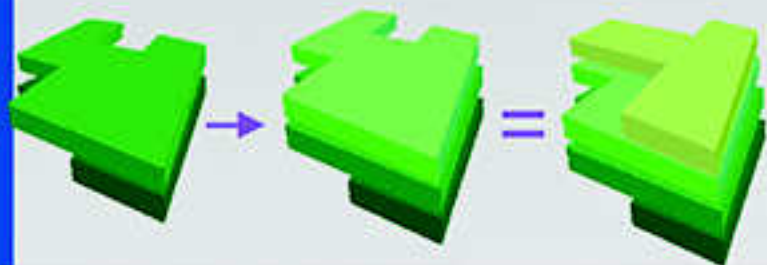


South

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- Earth
- 8" Concrete Floor
- 12" Concrete Round Column
- 8" Concrete Wall
- 12" Concrete Wall
- 8" Concrete Slab

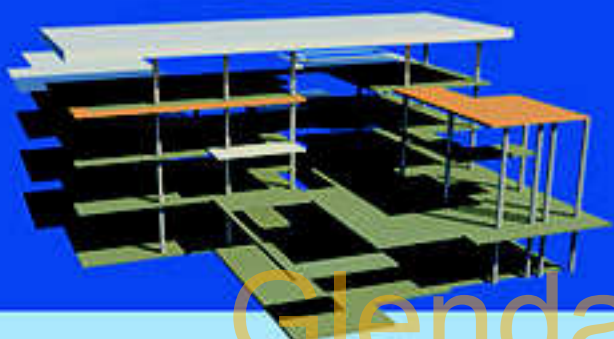
PARTI DIAGM



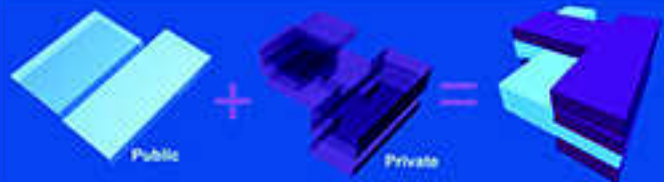
CIRCULATION



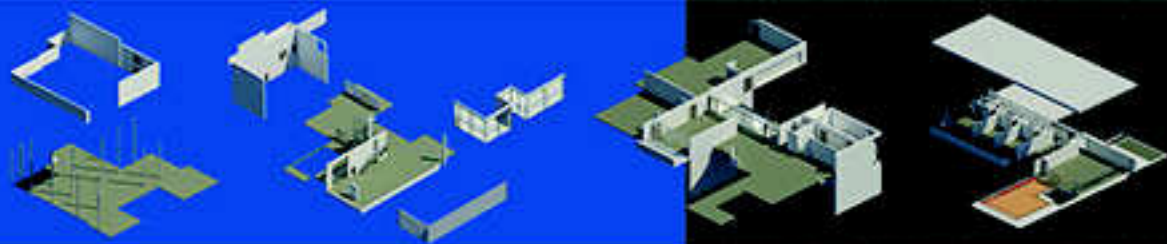
STRUCTURE



SQUARE FEET



EXPLODED



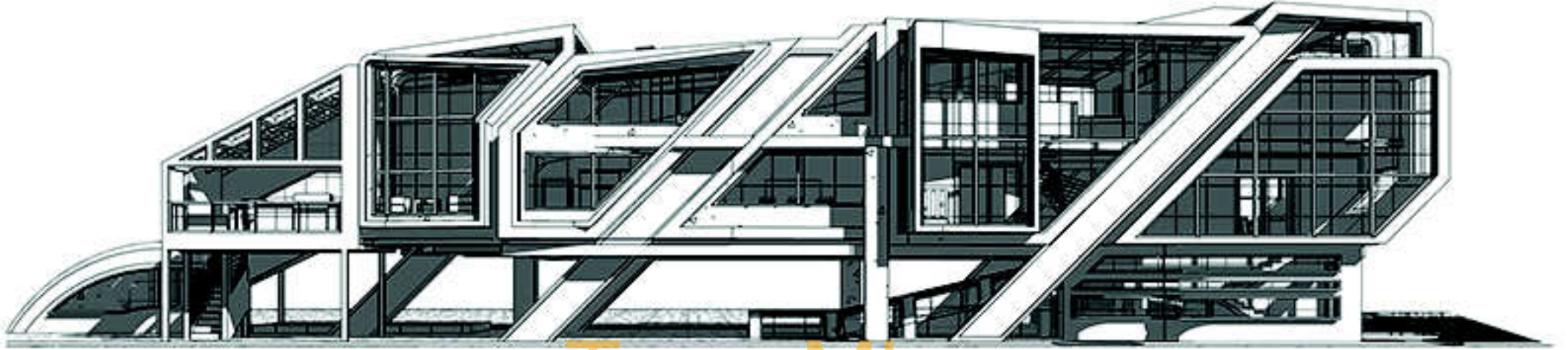
DIGRAMS INFORMATIONS

3,793 SF 3,793 SF 3,793 SF 3,793 SF 3,793 SF 13,560 SF

SOUTH

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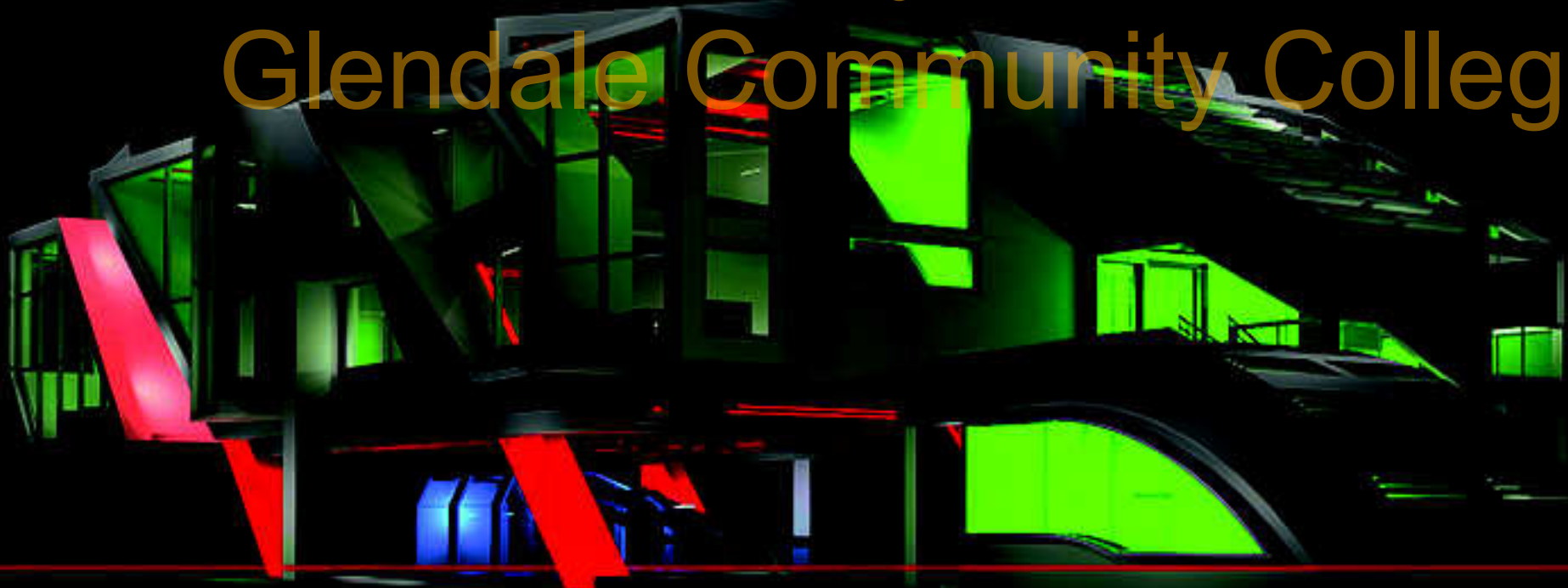


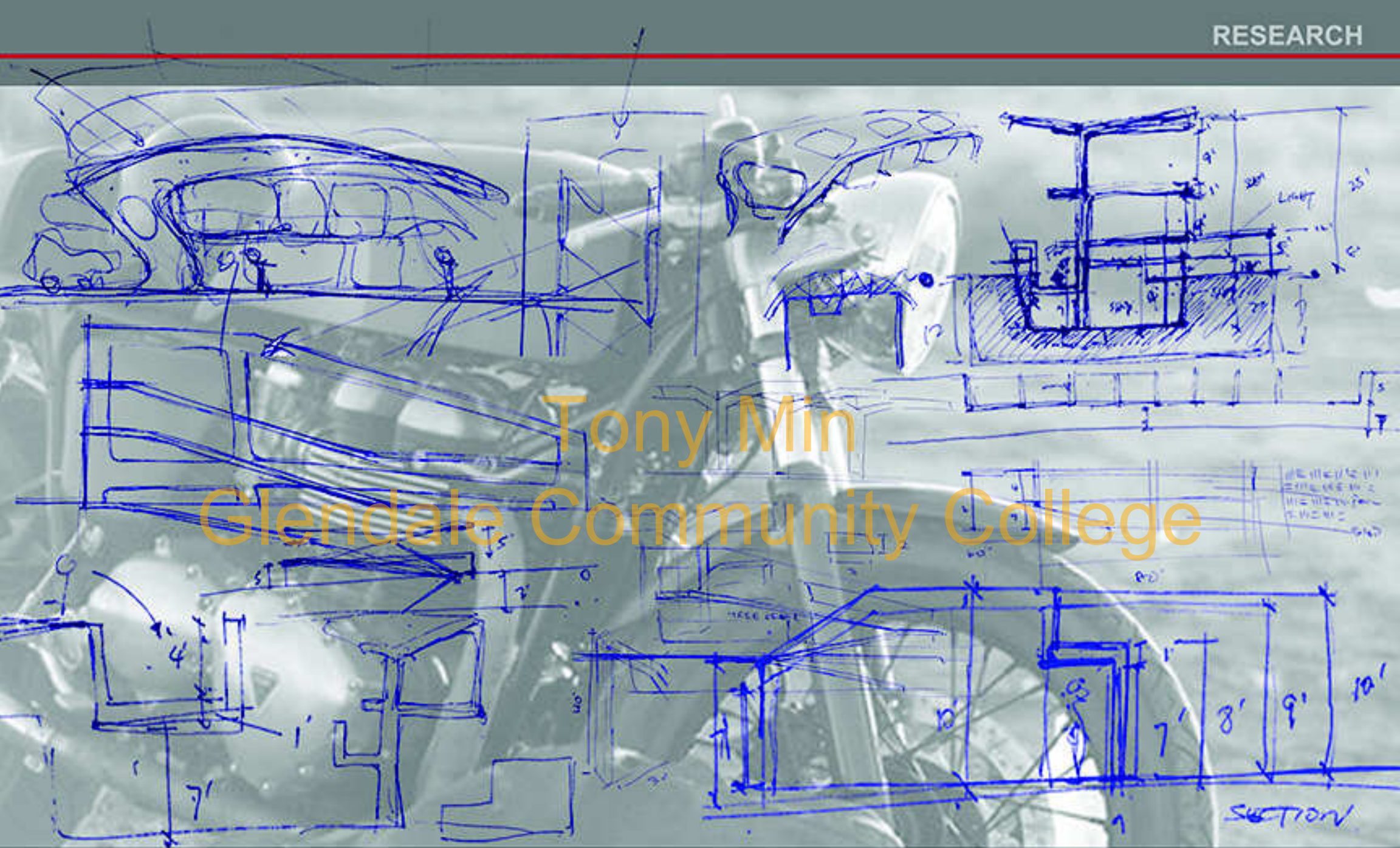


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2013

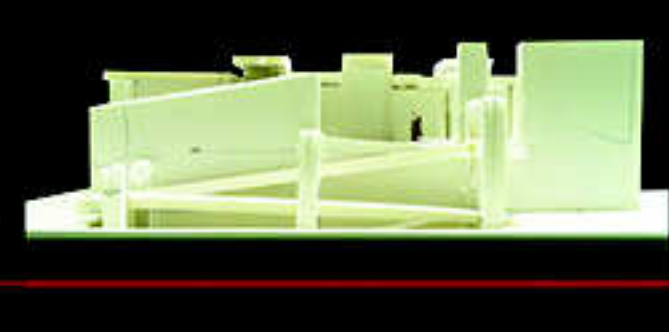
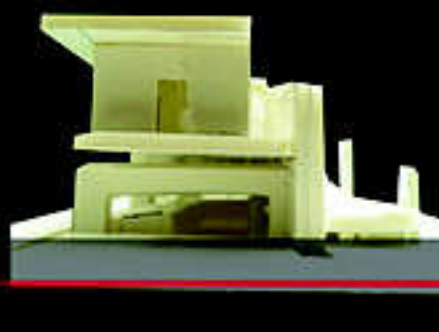
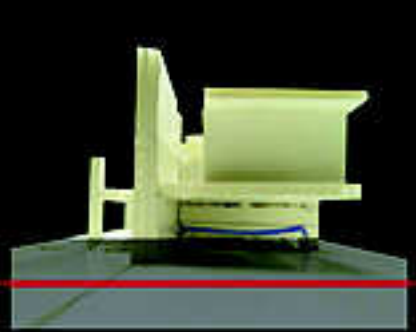
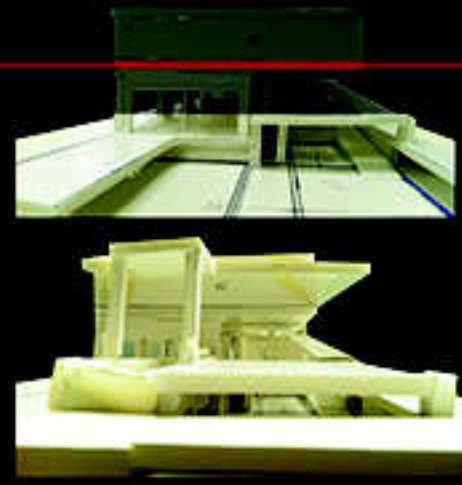
708 E. Palmer Avenue,
Glendale, CA
9,082 sq



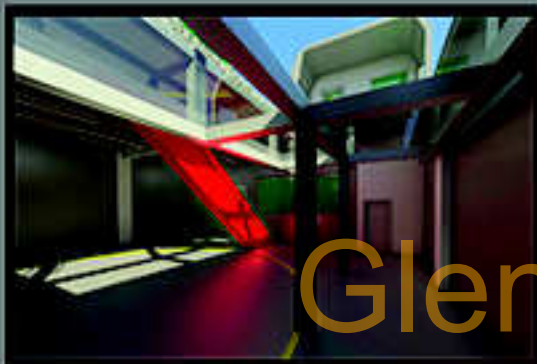




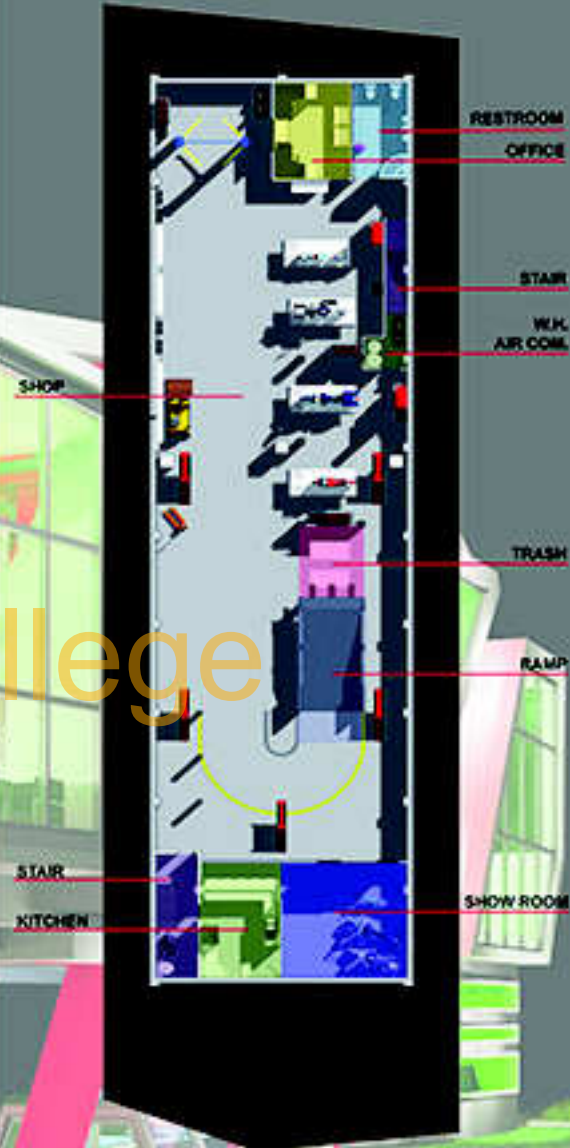
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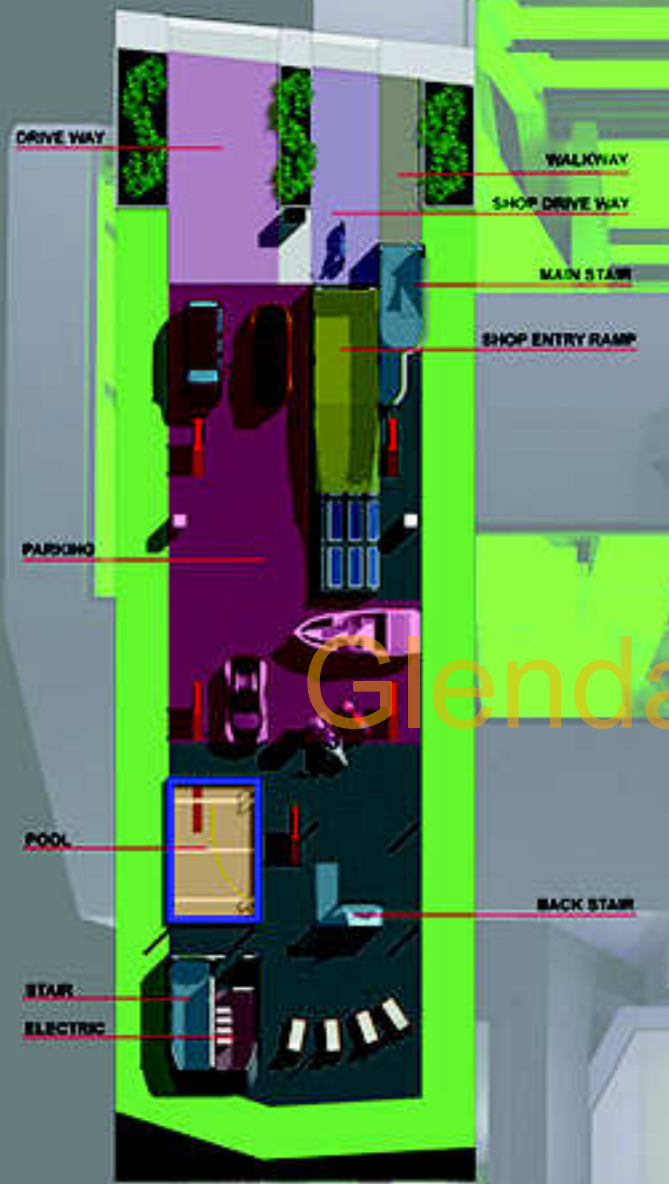


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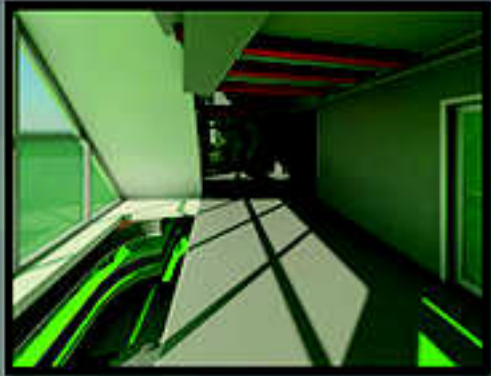


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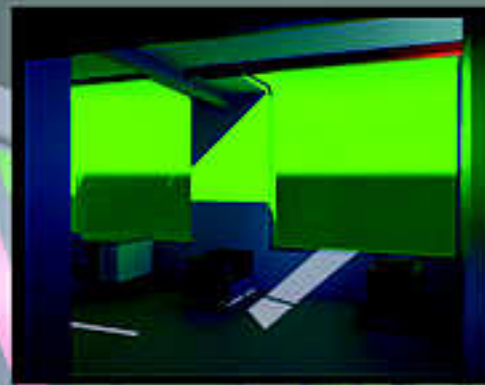




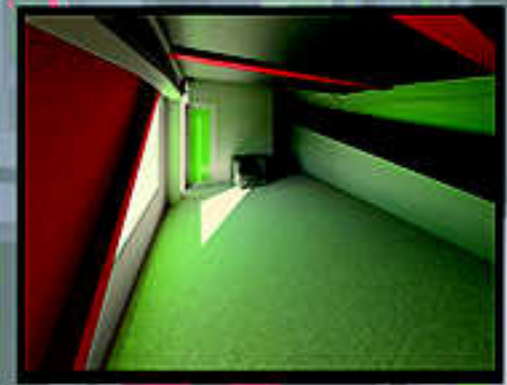
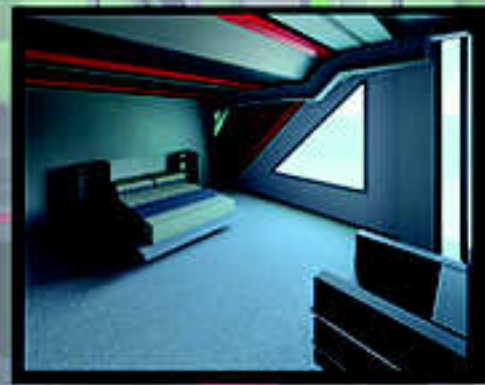
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East

North



Tony Min

West

South



Glendale Community College

North

East



Tony Min

South

West



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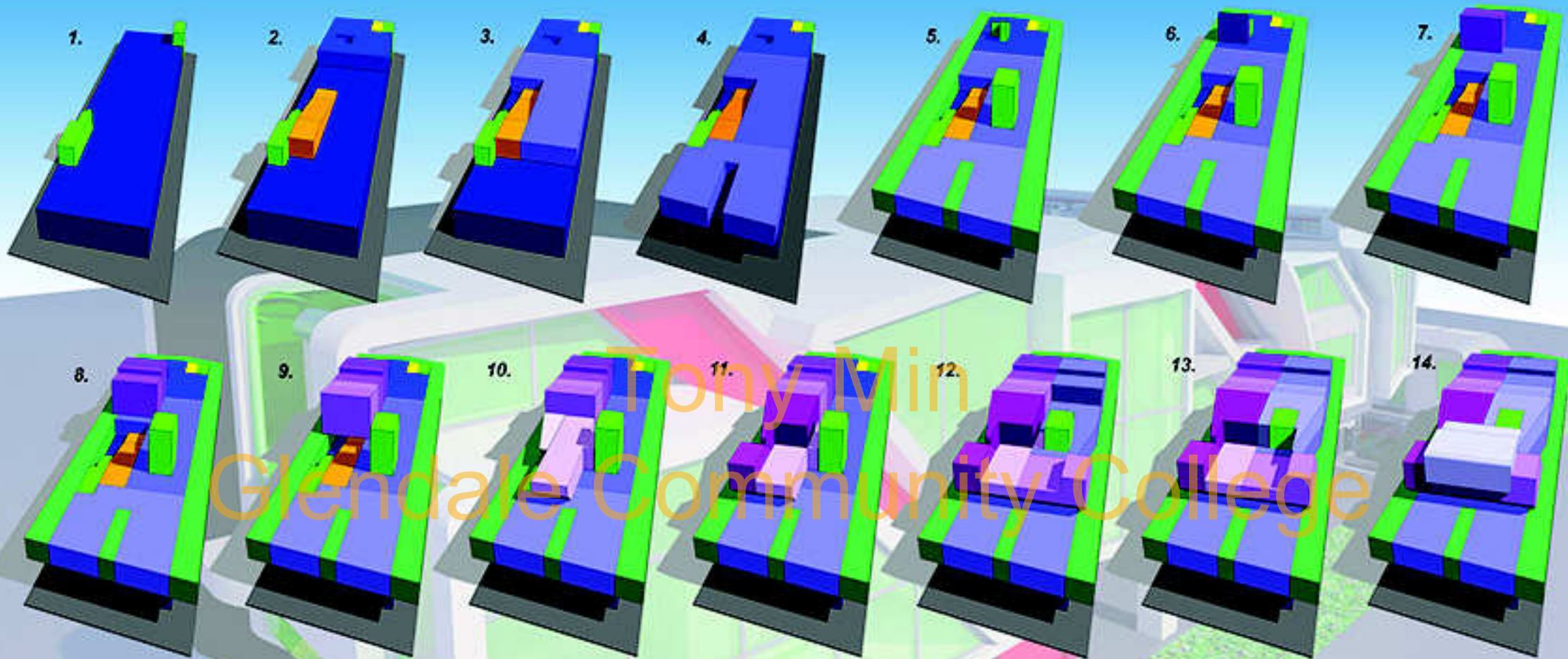


DIAGRAM INFORMATION

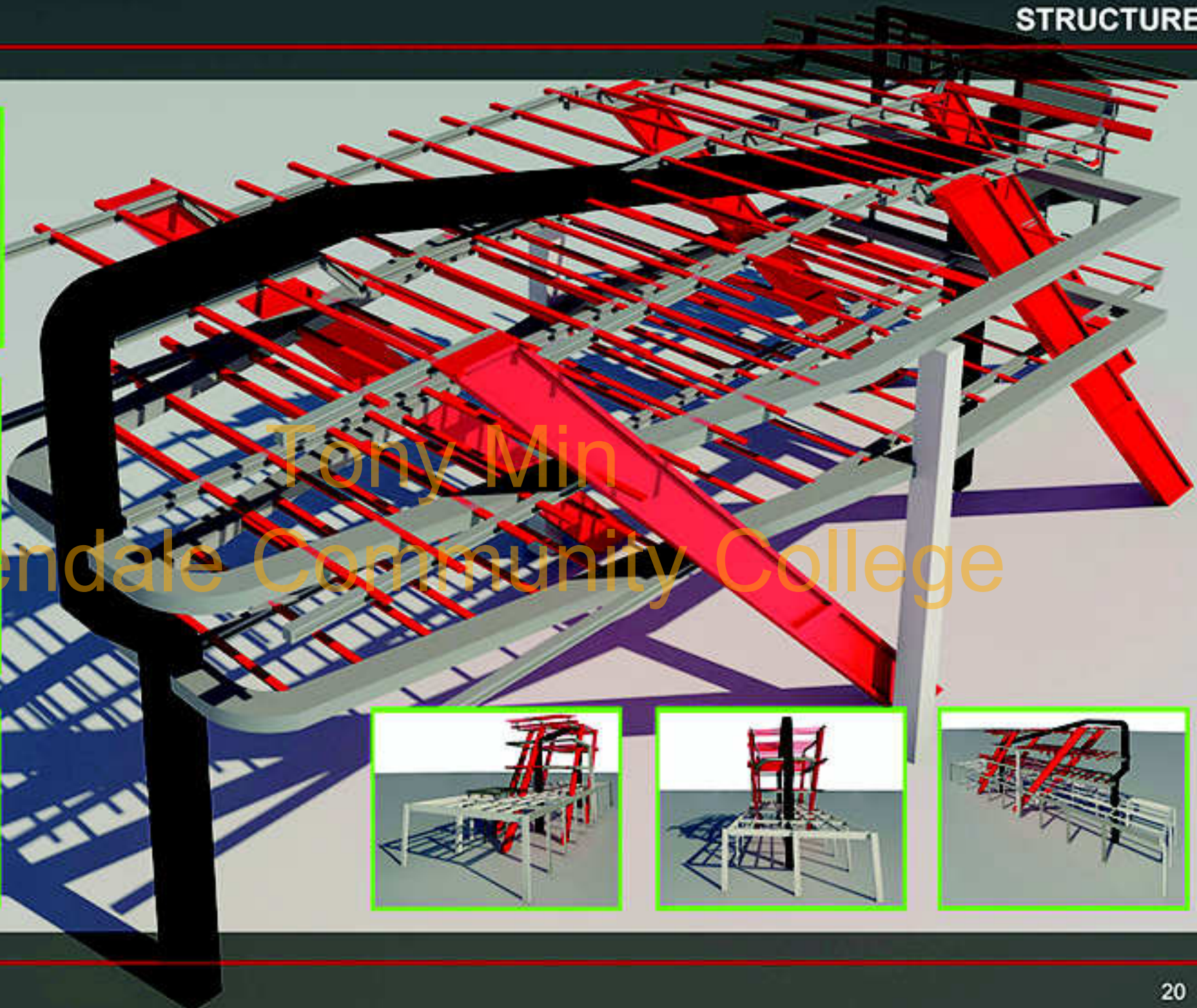
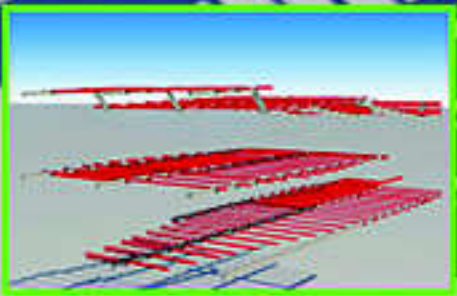
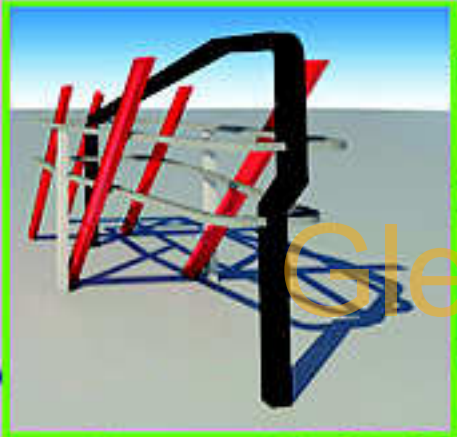
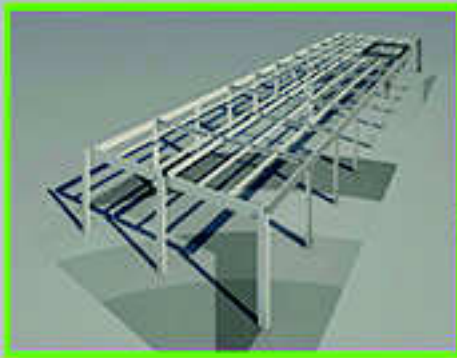
CIRCULATION	LANDSCAPE	RAMP	ELECTRIC	BACKYARD	SHOP	PARKING	MASTER ROOM
WALK/DRIVE WAY	BEDROOM #2	LAUNDRY ROOM	BEDROOM #1	FOYER	GUEST ROOM	DINING ROOM	KITCHEN
LIVING ROOM	PATIO	FAMILY ROOM	MAIN ENTRY				



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PROGRAMS INFO
[Red Box] PRIVATE
[Blue Box] PUBLIC



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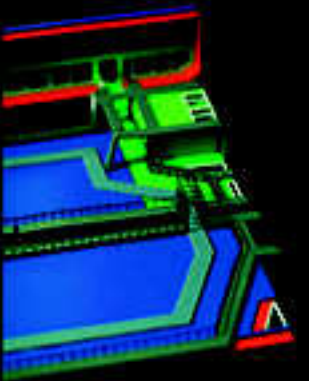




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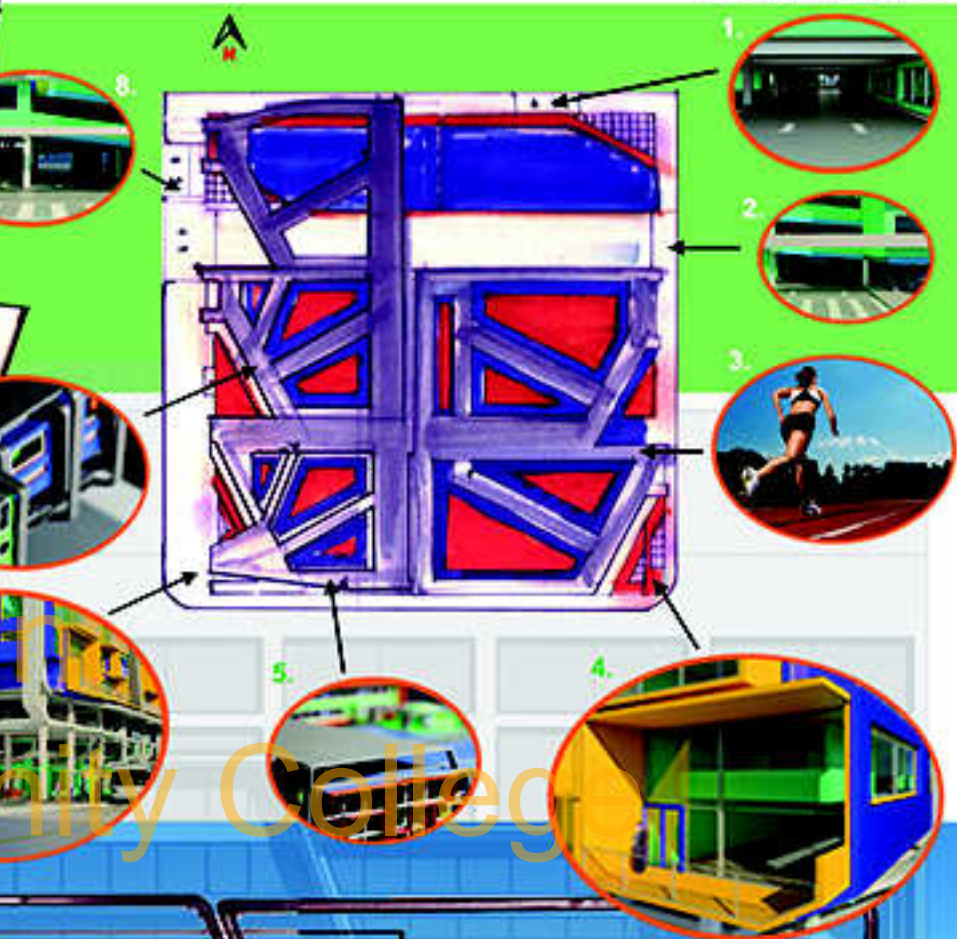
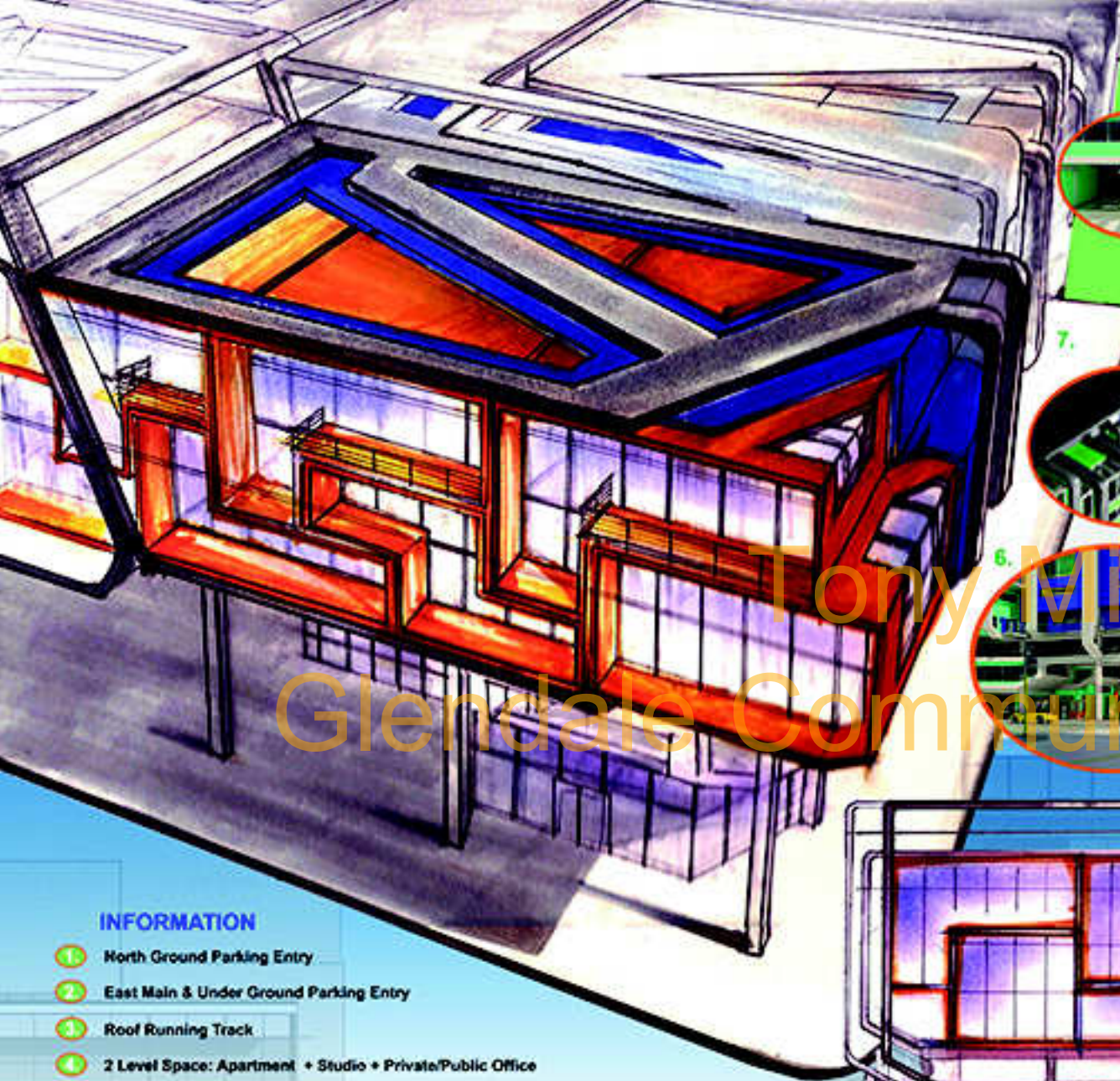


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Live & Work



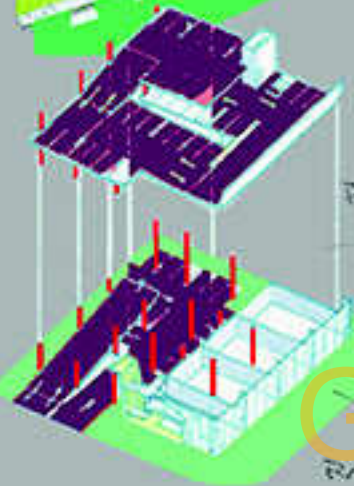
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INFORMATION

- 1 North Ground Parking Entry
- 2 East Main & Under Ground Parking Entry
- 3 Roof Running Track
- 4 2 Level Space: Apartment + Studio + Private/Public Office
- 5 Roof Top Cover
- 6 Retail Store
- 7 Lock & lock System Frame
- 8 West Main & Upper Parking Entry

The Architectural Mix use Building by Lewis, Tsourumaki, Lewis LTL



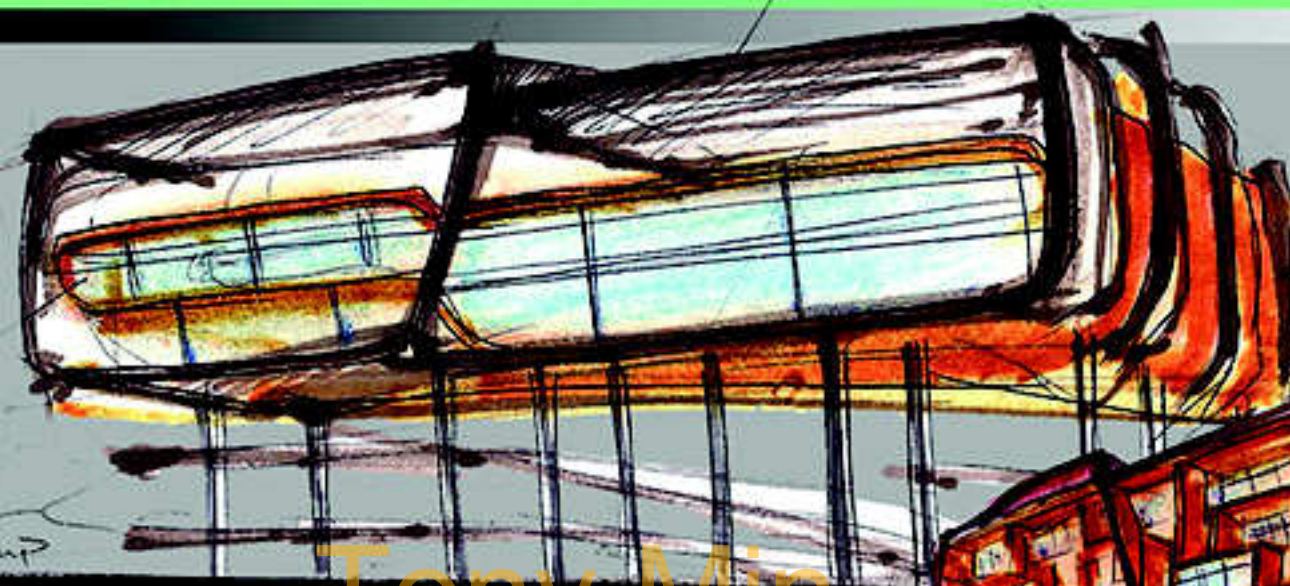
OFFICE

PARKING RAMP

RAMP DIMENSIONS

TOTAL PARKING = 80
HANDI PARK = 5

CONCRETE FRAME



USED SIMILAR :

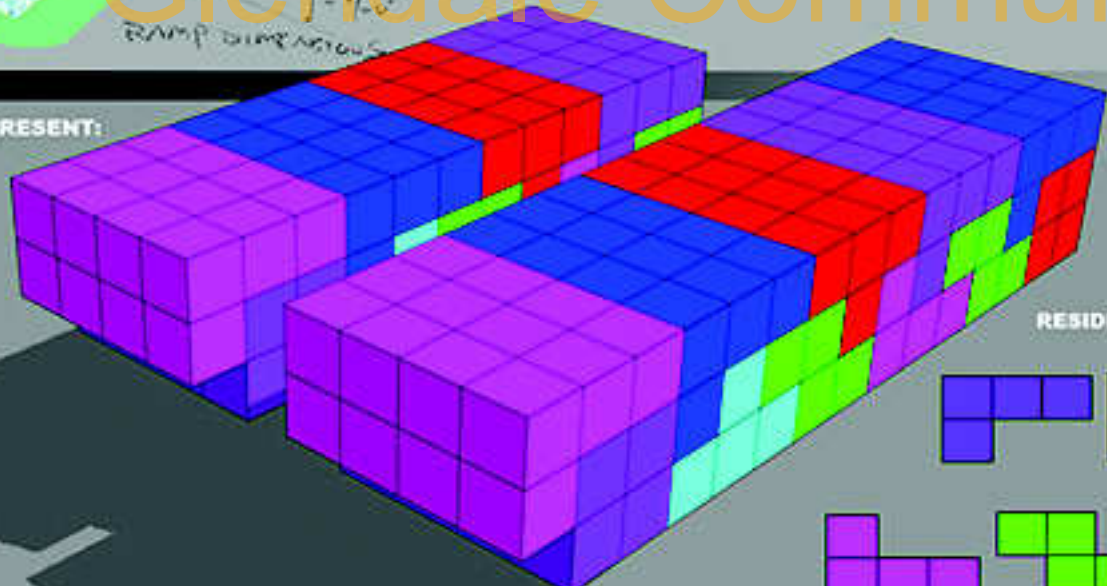
Parking Layout ■
Structure Column Layout ■



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EACH CUBE REPRESENT:

- 10' FRONT 10'
- 10' SIDE 10'
- 10' LIVING AREA 400 sq ft



RESIDENTIAL UNIT:
Block System:



PARTI DIAGRAM:

Apartment + Studio + Private/Public Office

TETRIS



The name Tetris comes from the Greek work tetra or "four". Tetris is a computer puzzle game in which various shapes each made of four squares are falling down a well. The user turns the pieces around and moves them left or right in order to arrange them on top of the other. When a solid line of squares is made from edge to edge, the line dissolves and all the pieces move down by one square. When the lines dissolve points are won, when the well fills up the game ends. Players work hard to keep the well as empty as possible, but as the game progresses the pieces fall faster and faster making that harder.



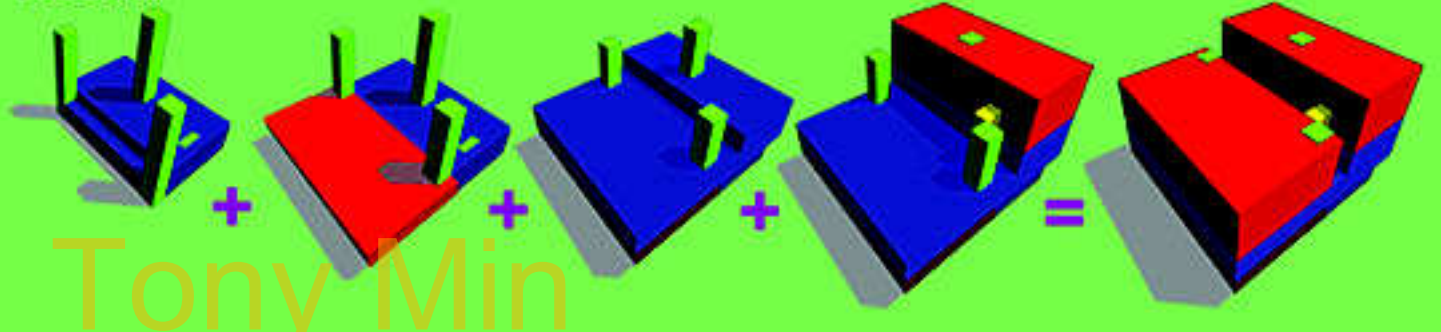
DIAGRAMS

DIAGRAMS INFO

- Circulation
- Bridge
- Apartment Parking Under P1
- Apartment Parking Under P2
- Retail Parking Upper P1
- Retail Entry Parking
- Retail Store
- Retail Parking Upper P2
- Office Parking
- Public Space
- Office
- Apartment / Studio / Office
- Private Space

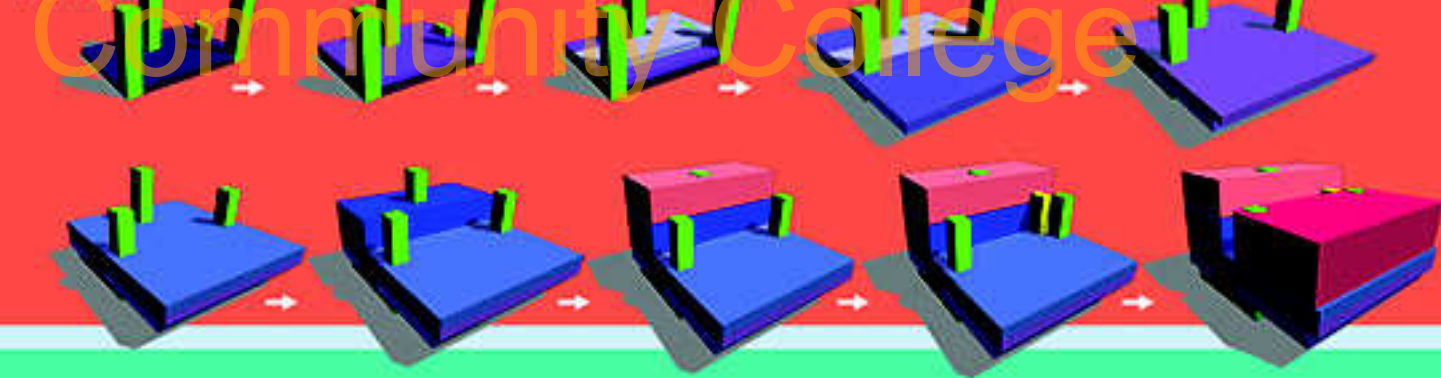


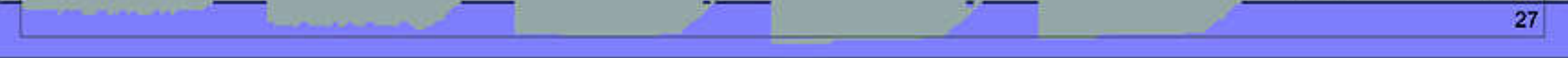
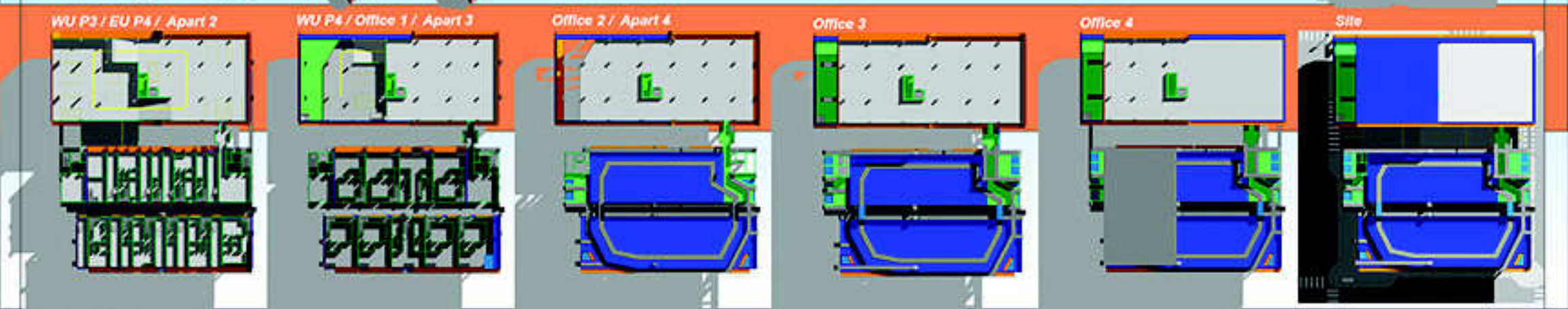
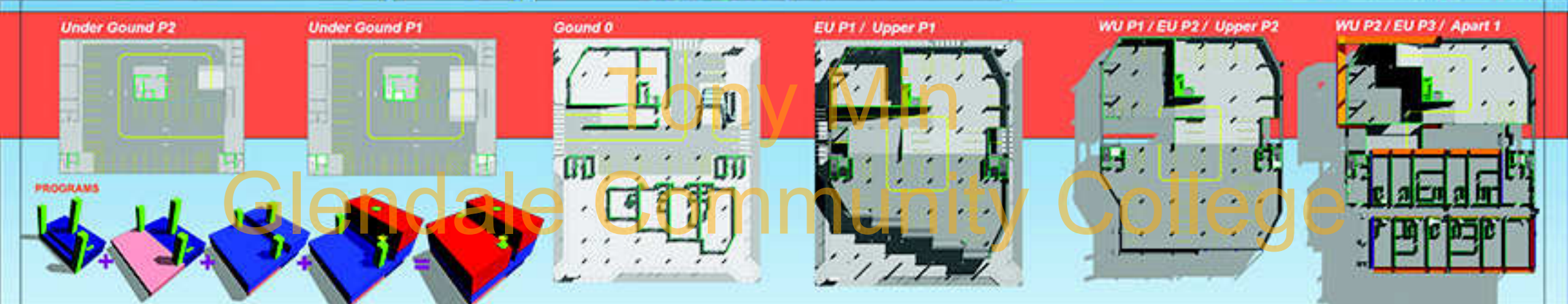
PROGRAM



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PARTS





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ELEVATION



South

West

North

East

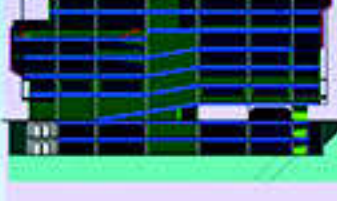
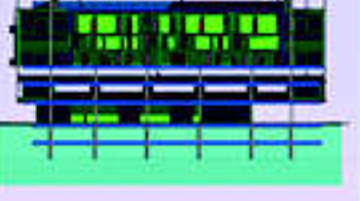
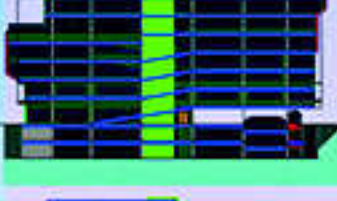
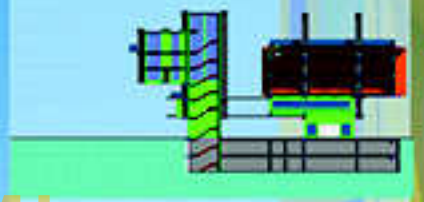
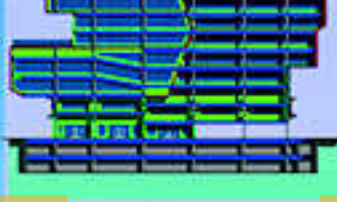
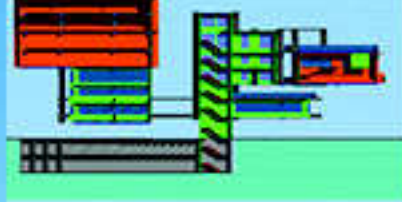


SOUTH SECTIONS E - I

WEST SECTIONS 5 - 8

NORTH SECTIONS A - D

EAST SECTIONS 1 - 4



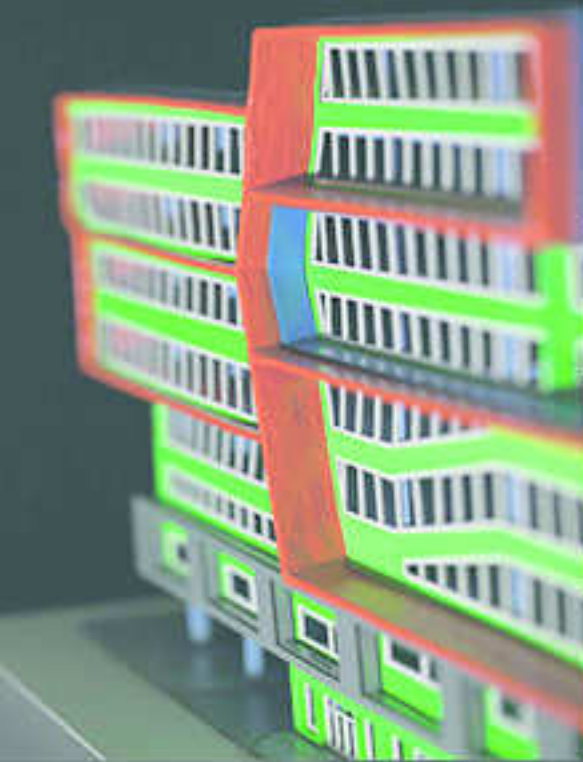
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SECTIONS INFORMATION

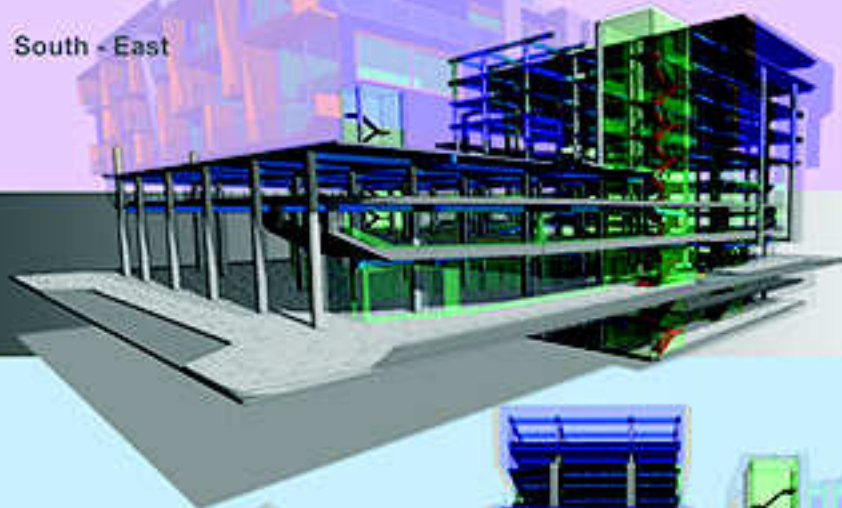
- Earth
- Concrete Exterior Wall

- Concrete Exterior Wall
- 6", 8", 12" Concrete Wall

- 18x18 Concrete Columns
- 12x24 Concrete Beams



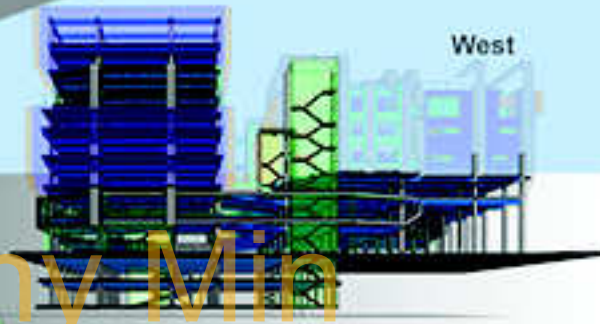
South - East



North - West



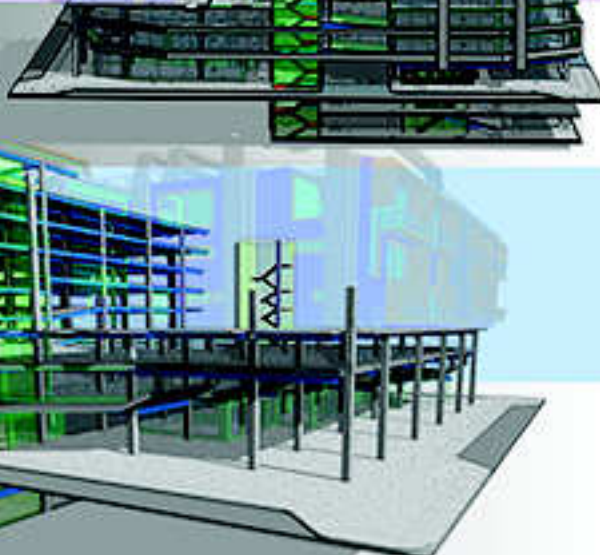
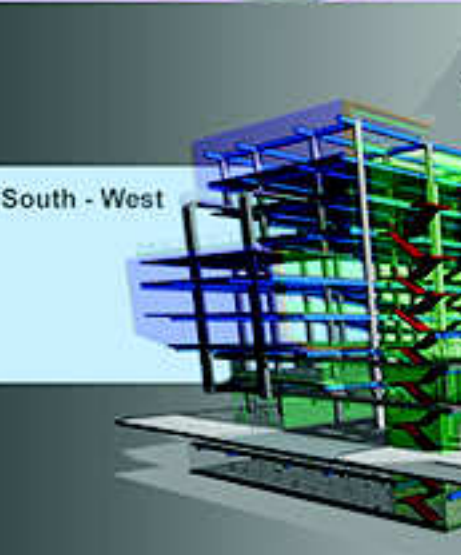
West



East



South - West



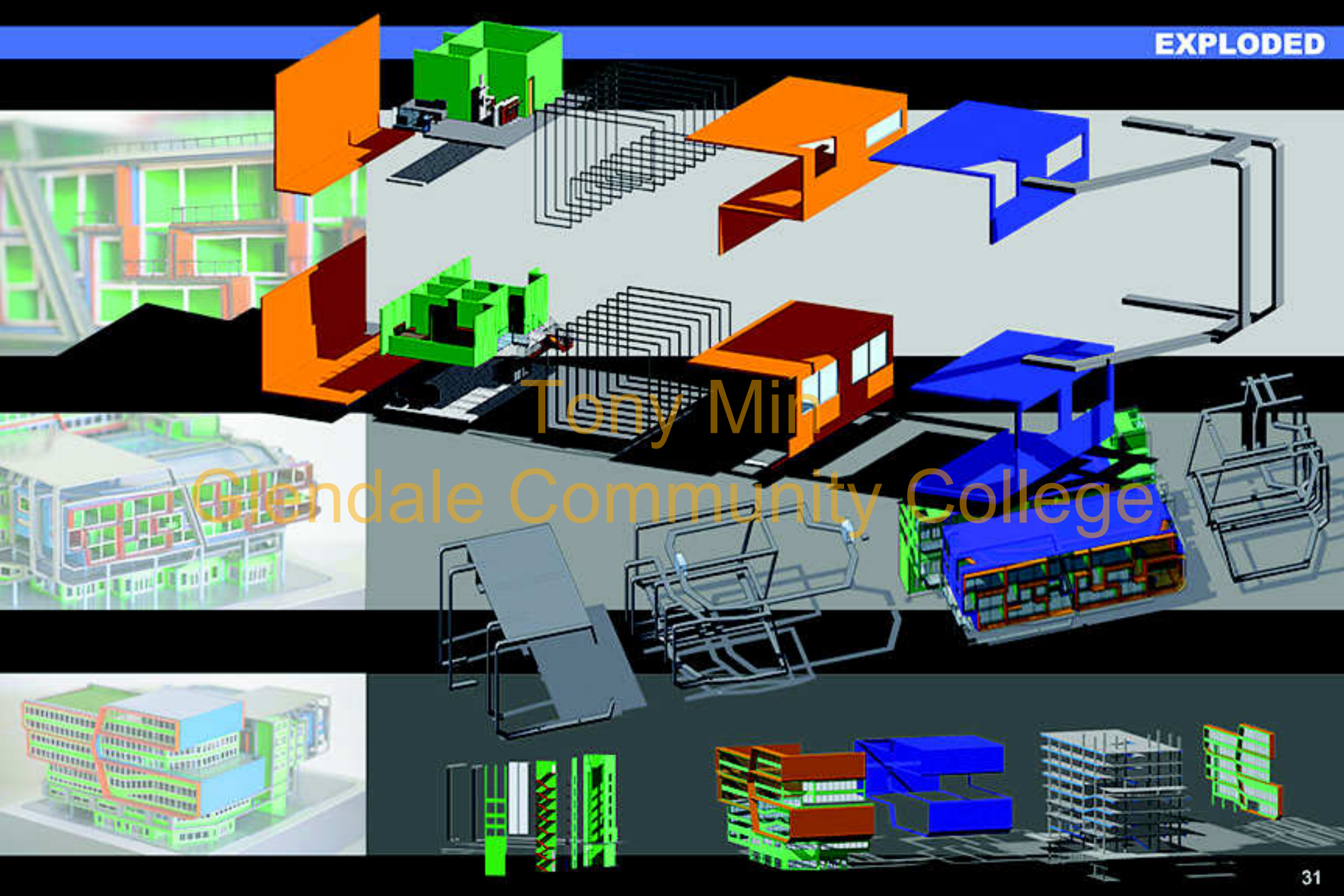
STRUCTURE

STRUCTURE INFO

- Circulation
- Concrete Stair
- 12x24 Concrete Beams
- 6" Concrete Floor
- 18x18 Concrete Columns



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aSSEMBLE

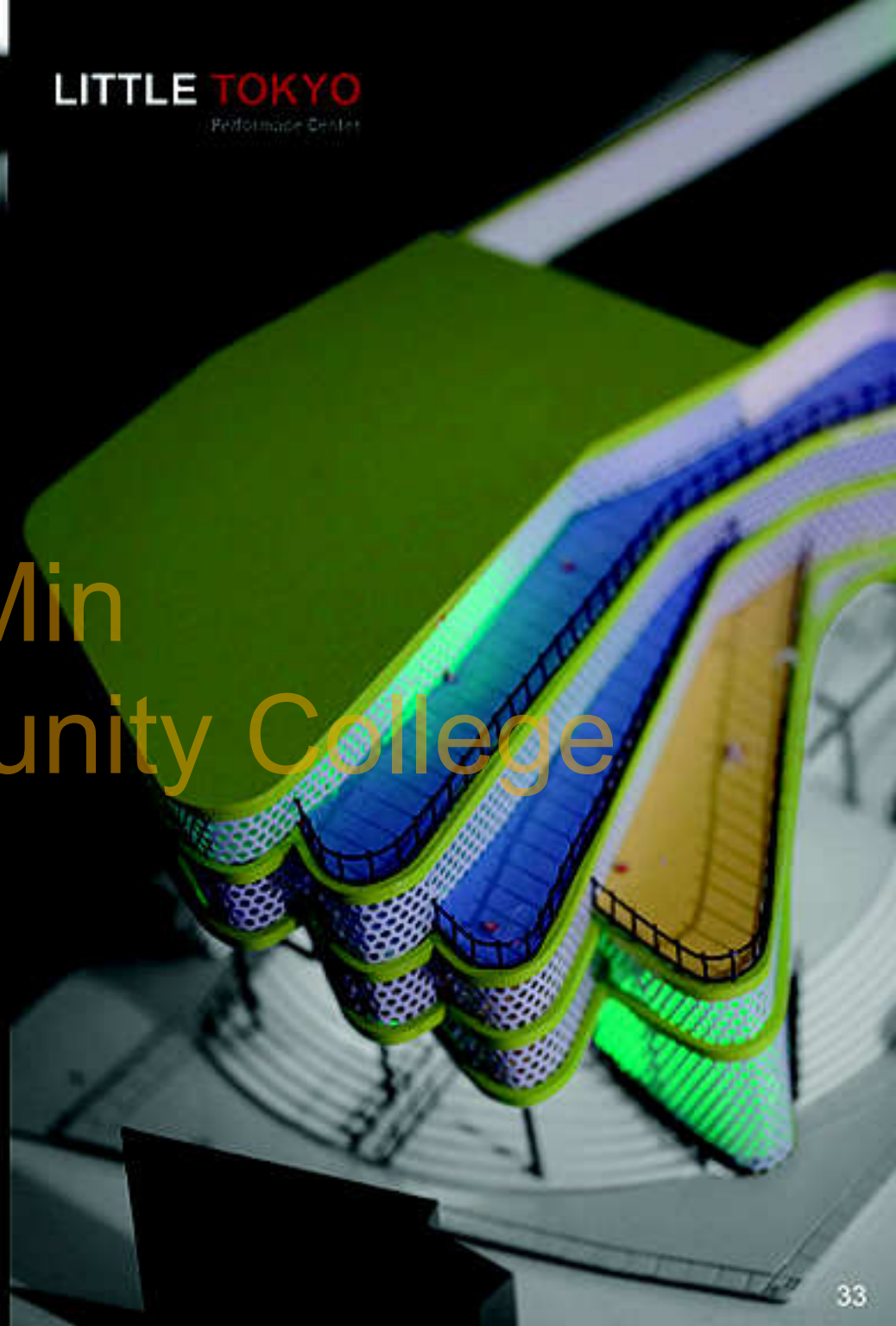


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The High Rise

LITTLE TOKYO
Performance Center

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Organic Pattern:

- Overlapping
- Intertwining
- Multiplying
- Repeating
- Shifting



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CONCEPT RESEARCH

History 550 BC and 270 BC

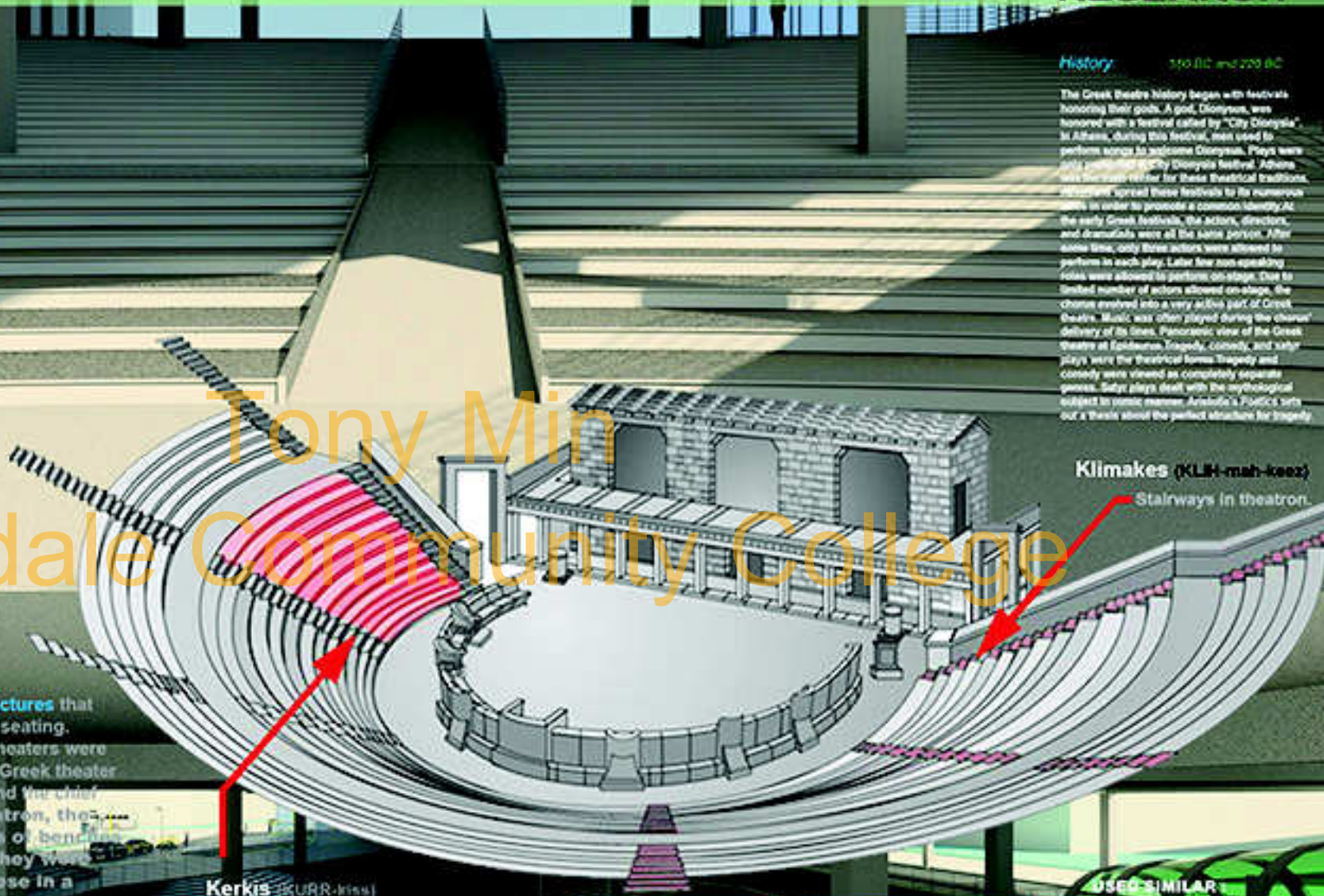
The Greek theatre history began with festivals honoring their gods. A god, Dionysus, was honored with a festival called by "City Dionysia" in Athens. During this festival, men used to perform songs to welcome Dionysus. Plays were only performed during City Dionysia festival. Athens was the main center for these theatrical traditions. Romans spread these festivals to its numerous cities in order to promote a common identity. At the early Greek festivals, the actors, directors, and dramatists were all the same person. After some time, only three actors were allowed to perform in each play. Later few non-speaking roles were allowed to perform on stage. Due to limited number of actors allowed on stage, the chorus evolved into a very active part of Greek theatre. Music was often played during the chorus' delivery of its lines. Dramatic view of the Greek theatre at Epidaurus. Tragedy, comedy, and satyr plays were the theatrical forms. Tragedy and comedy were viewed as completely separate genres. Satyr plays dealt with the mythological subject in comic manner. Aristotle's Poetics sets out a thesis about the perfect structure for tragedy.

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Greek Theater

Structure of the Greek Theater

Ancient Greek theaters were **very large, open-air structures** that took advantage of sloping hillsides for their terraced seating. Because of drama's close connection with religion, theaters were often located in or near sanctuaries. The core of any Greek theater is the orchestra, the "singing place" of the chorus and the chief **performance space**. The audience sat in the theatron, the **singing place** of semi-circular terraced rows of benches (in the earliest theaters these were wooden; they were later built of stone). The Greeks often built these in a natural hollow (a kollon), though the sides were increasingly reinforced with stone, as can be seen in this overhead view of Epidaurus. Scholars often use the Latin word for hollow, *cavea*, to designate the seating in an ancient theater. Stairs mounting to the highest levels divide the sections of seats into wedges; at Epidaurus there are 55 **semi-circular rows**, providing an estimated seating capacity of 12,000-14,000.



Klimakes (KLIM-mah-keez)
Stairways in theatron.

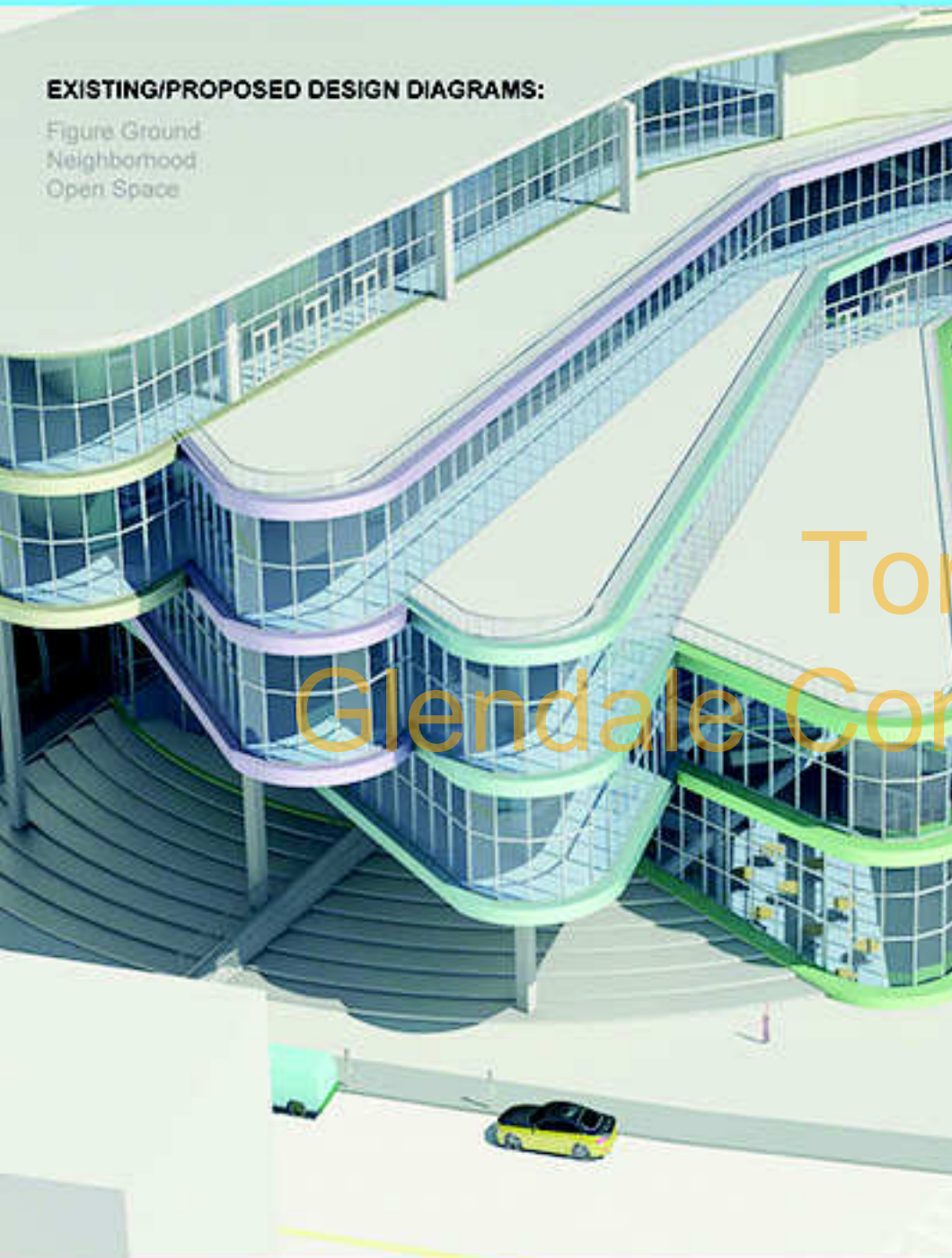
Kerkis (KUR-kiis)
Wedge-shaped seating section in theatron; corresponds to Roman *cunetas*.



USED SIMILAR

EXISTING/PROPOSED DESIGN DIAGRAMS:

Figure Ground
Neighborhood
Open Space



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EXISTING CONDITION DIAGRAMS



PROPOSED DESIGN DIAGRAMS



EXISTING/PROPOSED DESIGN DIAGRAMS:

Street Section
 Pedestrian Access
 Vehicular Circulation

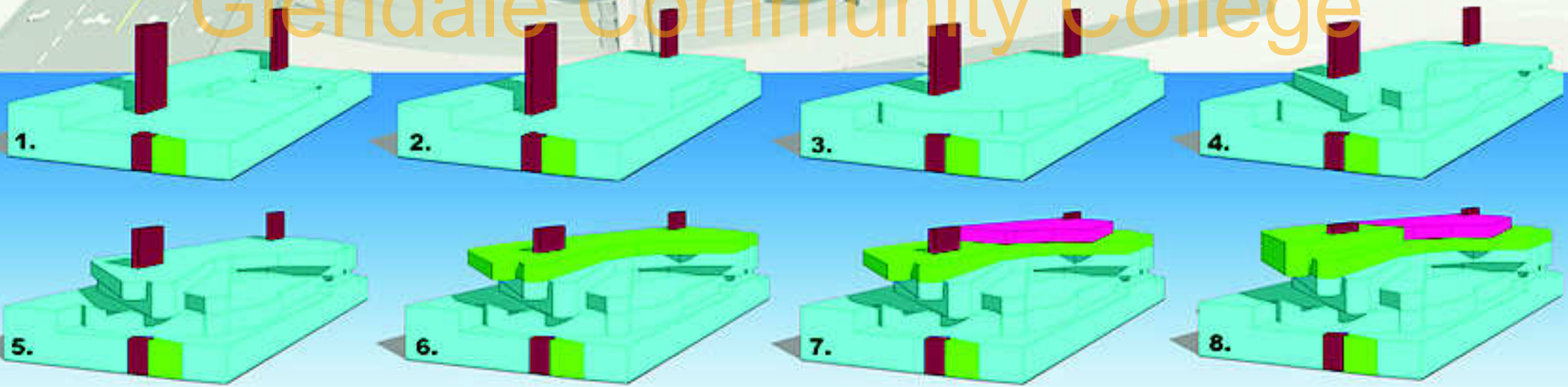
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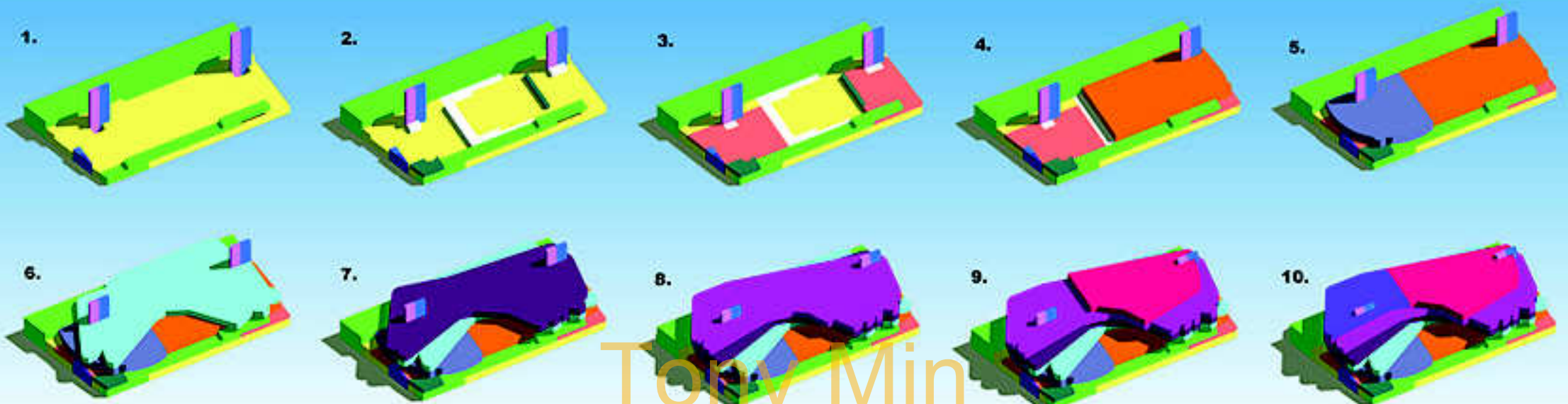


DIAGRAM INFORMATION

- Level 3-5 **PRIVATE**
- Level P1 - P2, D1 - U2 **PUBLIC**
- Level 5 **PRIVATE/PUBLIC**
- Level P2 - 5 **CIRCULATION**

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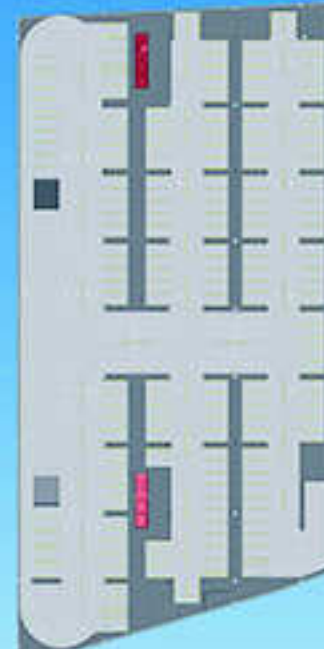
DIAGRAM INFORMATION

PARKING	Level P1 - P2
DRIVE WAY	Level P1, P2, B
LOBBY / ENTRANCE / HALL WAY	Level Under 1
STAIR	Level D01 - U01
ELECTRICAL ROOM	Level P1, P2, B
ELEVATOR	Level P2 - B
RETAIL / FOOD COURT	Level D01
RESTROOM	Level D01
ART GALLERY	Level U01
OUT/IN DOOR PERFORMANCE	Level D01 - U01
MAJOR RESTAURANTS	Level B
OFFICE 1	Level B
OFFICE 2	Level B
HALL / WEDDING RECEPTION	Level B
OUTDOOR GARDEN	Level B

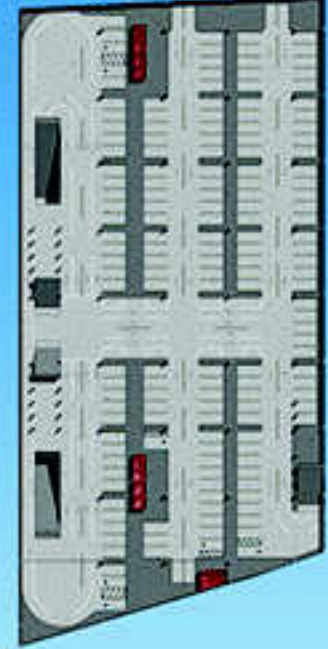
- AREA INFORMATION
- ART GALLERY
 - IN/OUTDOOR PERFORMANCE
 - RETAIL STORES
 - RESTROOM
 - LOADING / DROP OFF
 - LOBBY
 - SECURITY
 - STAIR/ELEVATOR

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UG Parking: Level P2



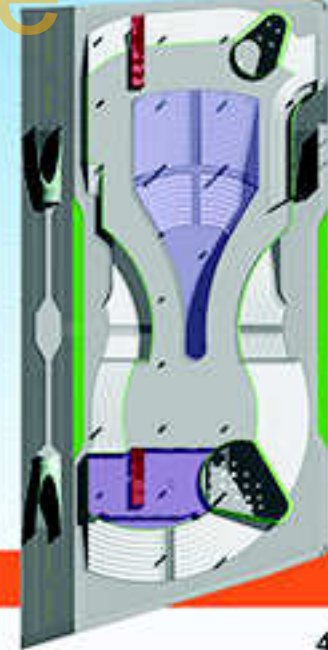
UG Parking: Level P1



DO: Level 1



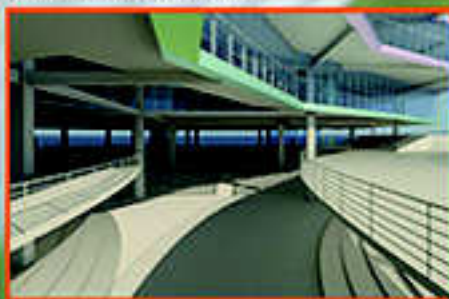
UP: Level 1



West Parking Entrance



In/Outdoor Performance Area

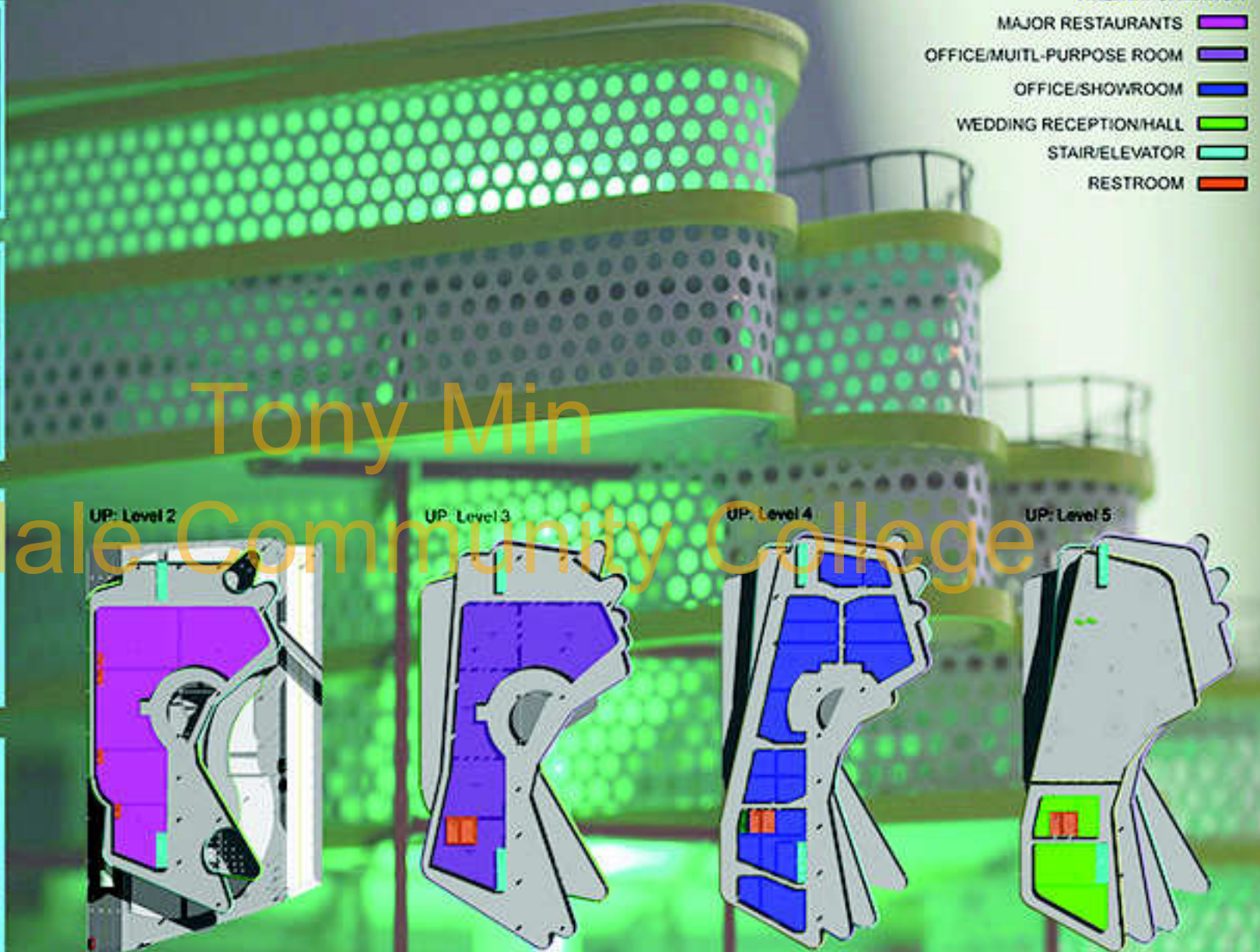


East Retail Stores



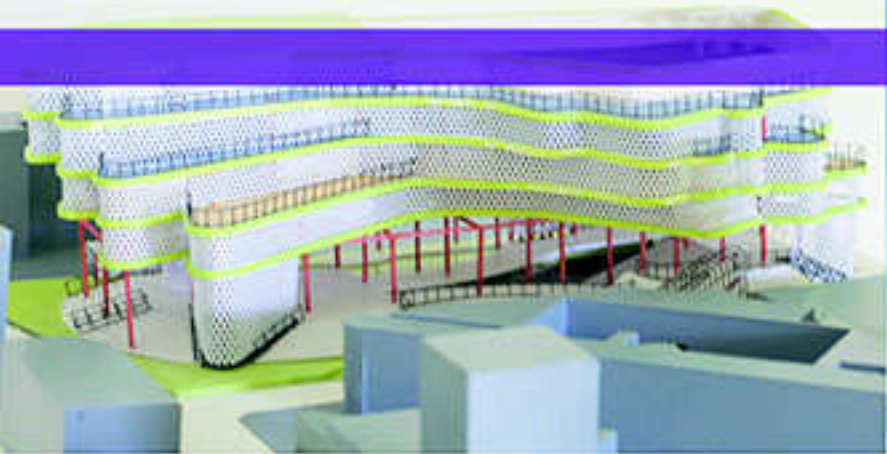
AREA INFORMATION

- MAJOR RESTAURANTS 
- OFFICE/MULTI-PURPOSE ROOM 
- OFFICE/SHOWROOM 
- WEDDING RECEPTION/HALL 
- STAIR/ELEVATOR 
- RESTROOM 



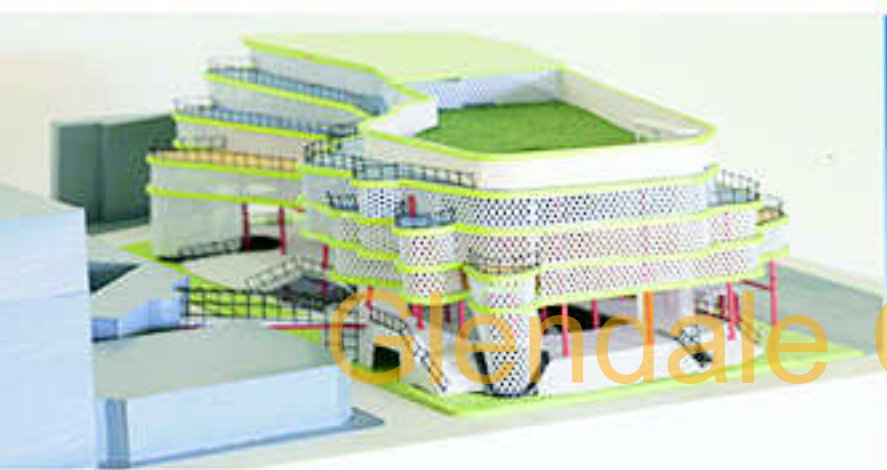
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North

- Roof Top
- Upper Level 5
- Upper Level 4
- Upper Level 3
- Upper Level 2
- Upper Level 1
- Ground Level
- Under Ground P1
- Under Ground G1



South



- Roof Top
- Upper Level 5
- Upper Level 4
- Upper Level 3
- Upper Level 2
- Upper Level 1
- Ground Level
- Under Ground P1
- Under Ground G1

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West

- Roof Top
- Upper Level 5
- Upper Level 4
- Upper Level 3
- Upper Level 2
- Upper Level 1
- Ground Level
- Under Ground P1
- Under Ground G1



East

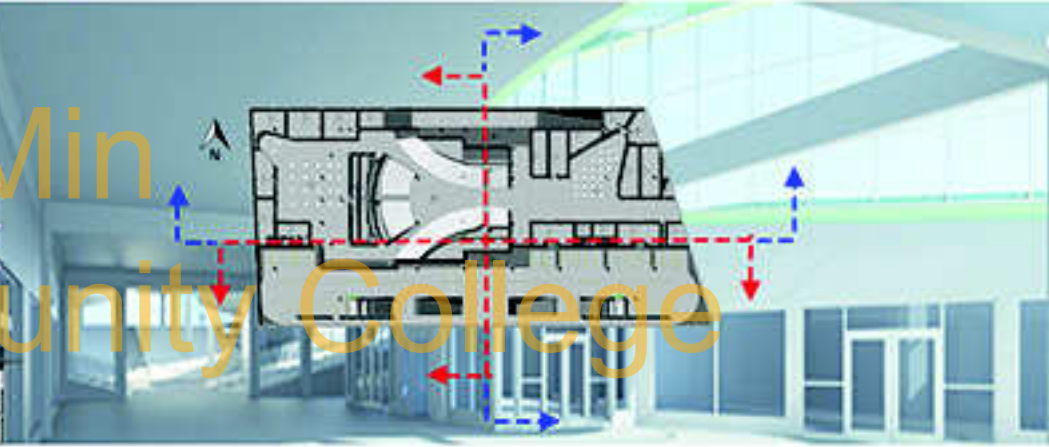
- Roof Top
- Upper Level 5
- Upper Level 4
- Upper Level 3
- Upper Level 2
- Upper Level 1
- Ground Level
- Under Ground P1
- Under Ground G1



North



South



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West



East

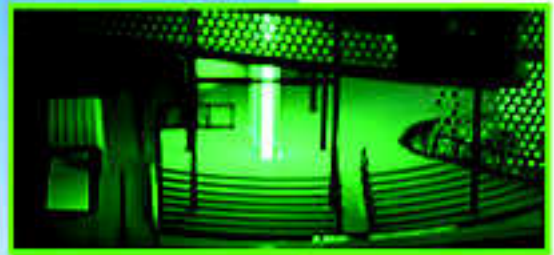
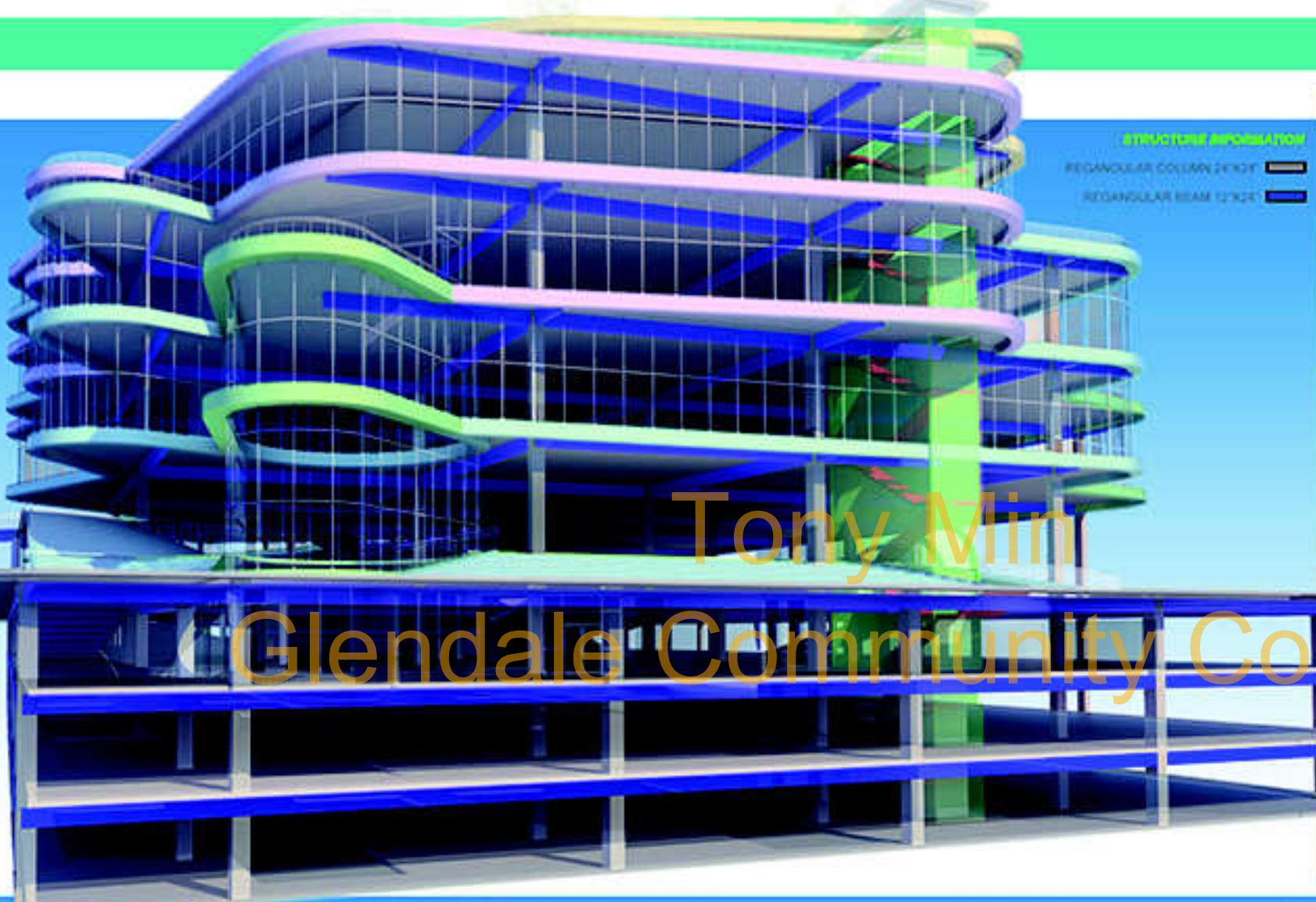


STRUCTURE INFORMATION

- STAIR
- RAMP
- AIR WAY

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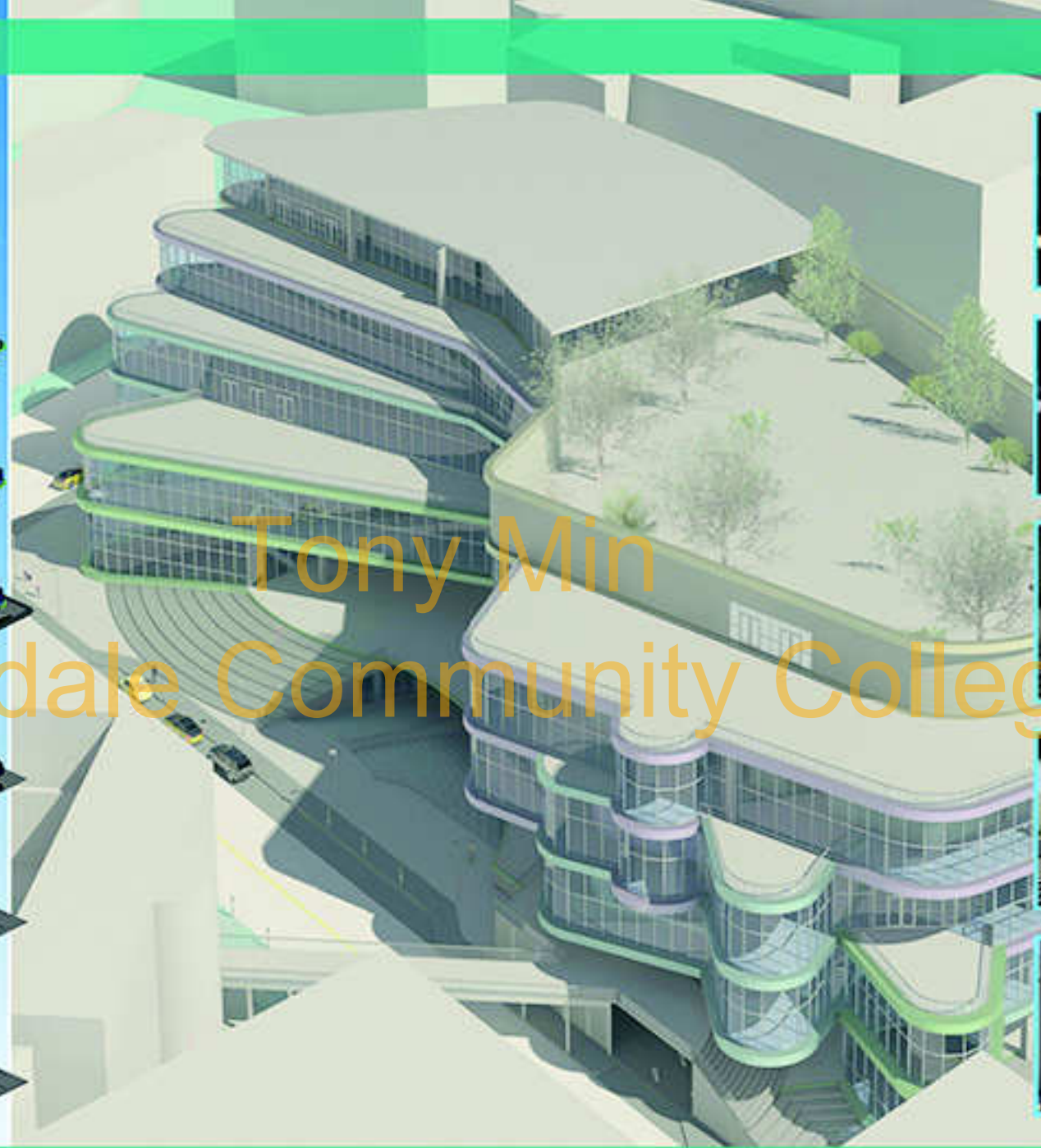
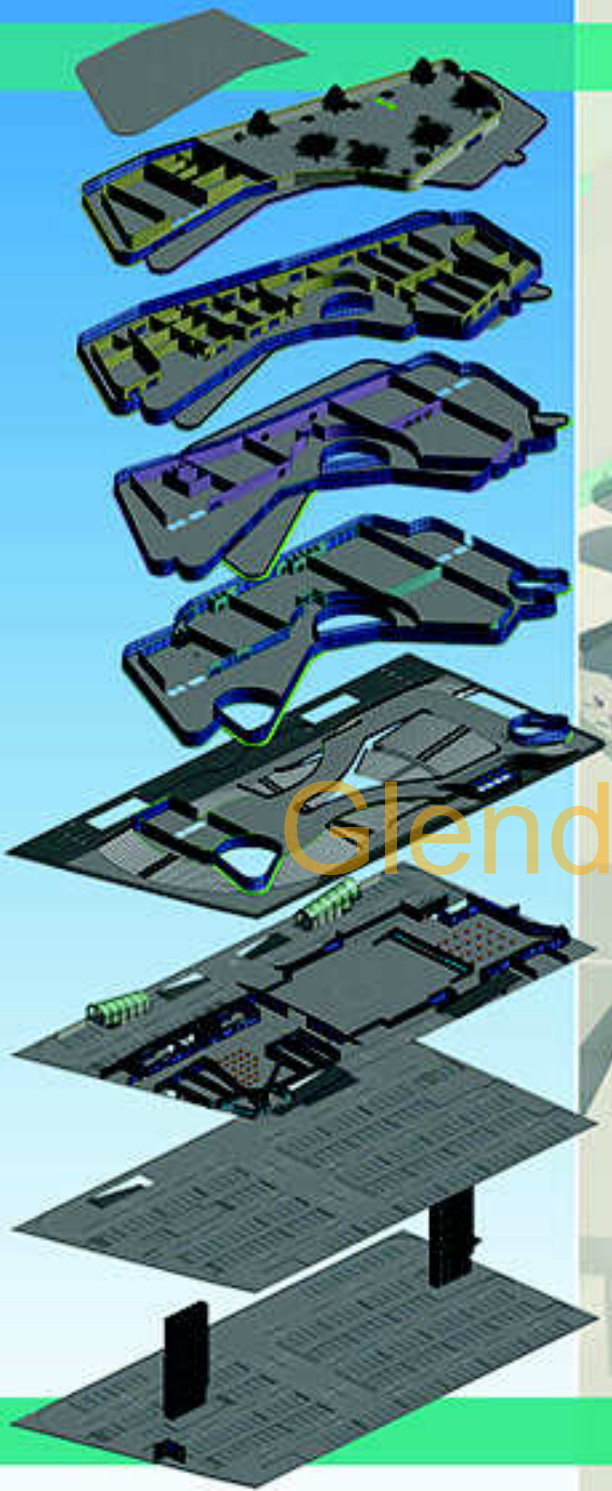


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EXPLODED

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ARCH MEDIUM

STUDENT COMPETITIONS

The Way to Relate and Interact with People

TOKYO

REPLAY CENTER

Leisure Entertainment Center for People

MAKING CONNECTIONS

Interlocking building:
Where people and place meet

Featuring:

- Retail Shops
- Restaurants & Bar + Kitchen
- Private Multi-media Rooms
- Theater

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STUDENT COMPETITION:

New Concept for Entertainment Center



Best Way to Define Culture

New Development

Interlocking Concept:
Structure/Program/Parti/Design



JANUARY 31, 2013 10:00-11:00



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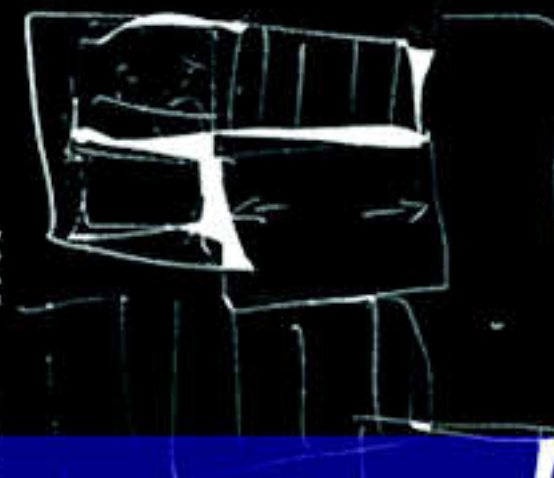


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- CONCEPT
- HUMAN SPINE
 - TREE HOUSE (ORGANIC)
 - WATER TWISTER
 - WATER TOWER
 - TREE HOUSE



11' VALUE = 100"
 140" / 500" = 0.28
 21' VALUE = 210"
 24' VALUE = 240"
 28' VALUE = 280"



DESIGN METHOD

Formal Strategy:

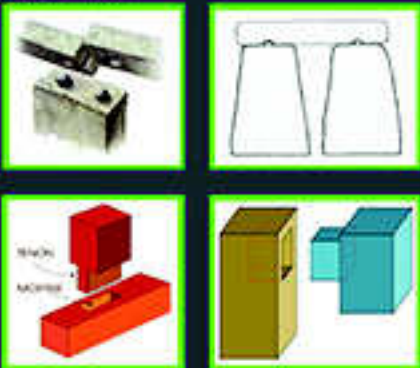
Interlocking

Fit into each other as parts of machinery, so that all action is synchronized. A connection that the individual parts affect each other in motion or operation. An arrangement of signal apparatus that prevents conflicting movements through an arrangement of tracks such as junctions or crossings.



Mortise and Tenon

A joint has been used for thousands of years by woodworkers around the world to join pieces of wood, mainly when the adjoining pieces connect at an angle of 90°. In its basic form it is both simple and strong. Although there are many joint variations, the basic mortise and tenon comprises two components: the mortise hole and the tenon. The tenon, formed on the end of a member generally referred to as a rail, is inserted into a square or rectangular hole cut into the corresponding member. The tenon is cut to fit the mortise hole exactly and usually has shoulders that seat when the joint fully enters the mortise hole. The joint may be glued, pinned, or wedged to lock it in place.



Design Development Steps:

1. Cut 45 degree angle each corner North & South.
2. Mirrored shape to next level.
3. Stack up shape to level ten.
4. Created two solid shape



5. Cutting away volumes system to control placement and creating exterior and interior spaces. There for arrangement system of prevents conflicting movements and tracks such as junctions or crossings and overlapping of volumes space interlock can share equally.
6. Using Interlocking system and Mortise and Tenon Method to joint two shape.

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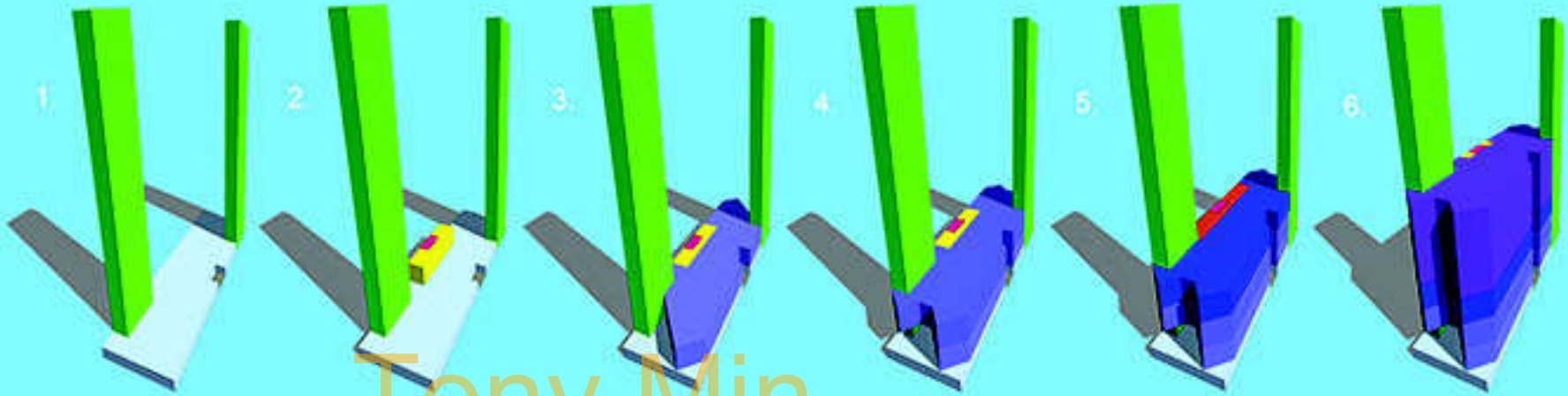
Site Information

	7308.3506 sq
Length:	148' 11"
Width:	49' 1"
Level:	10 FL

PROGRAM

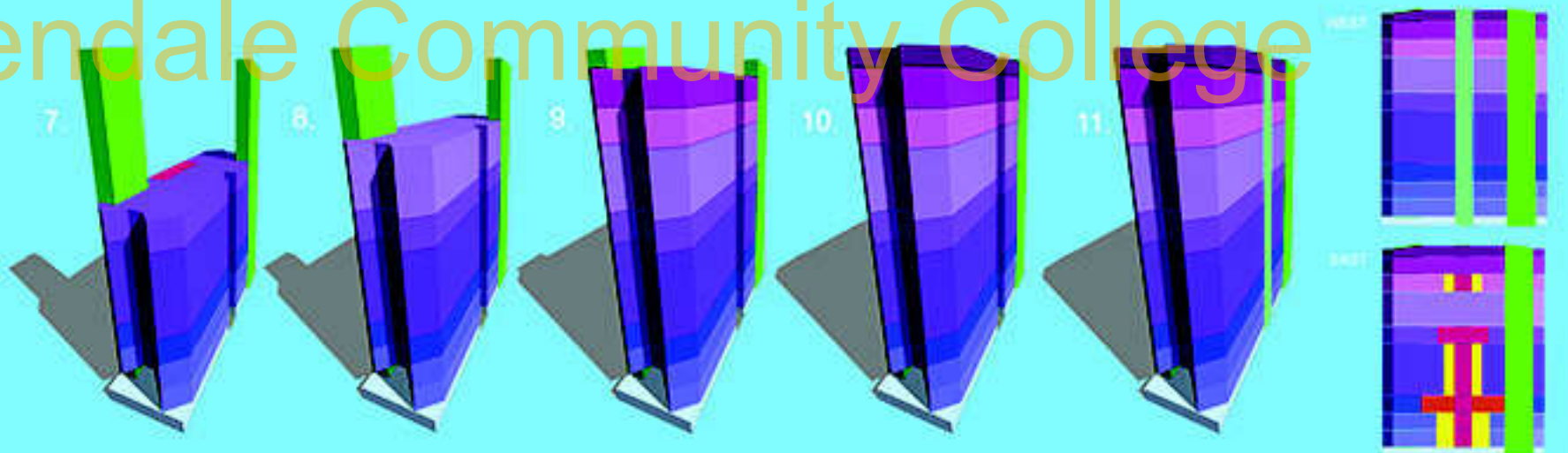
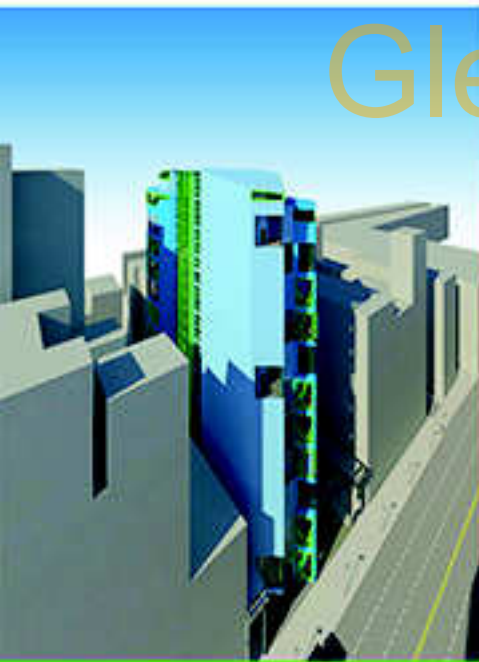
DIAGRAM INFORMATION

- | | | | | |
|--|---|---|--|--|
|  CIRCULATION |  RESTROOM |  MANGA SHOP |  BAR + KITCHEN |  HALL RECEPTION / ADMINISTRATION |
|  BASEMENT |  OFFICE / ELECTRIC |  VIDEO / FILMS |  KARAOKE |  THEATER / AUDITORIUM |

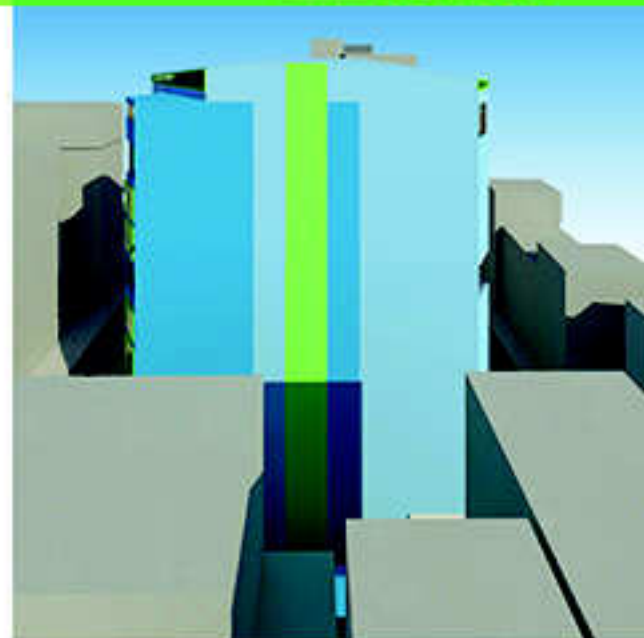


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- | | | |
|---|---|--|
|  MEDIUM MULTI-PURPOSE ROOM |  2. LARGE MULTI-PURPOSE ROOM |  ELEVATOR |
|  1. LARGE MULTI-PURPOSE ROOM |  KITCHEN | |

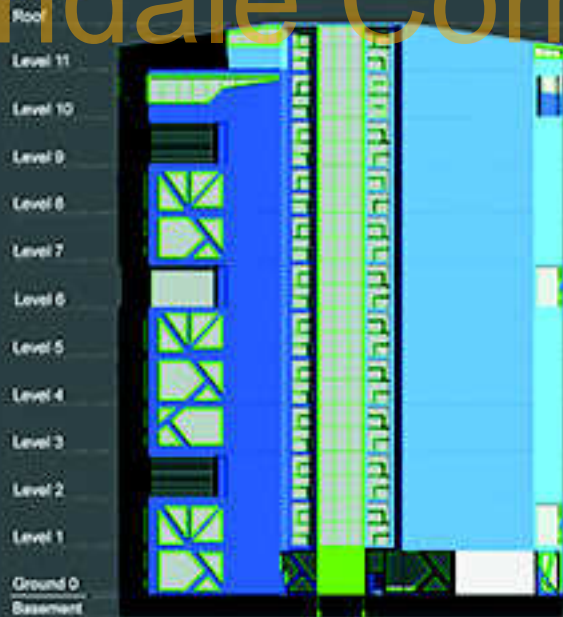


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NORTH



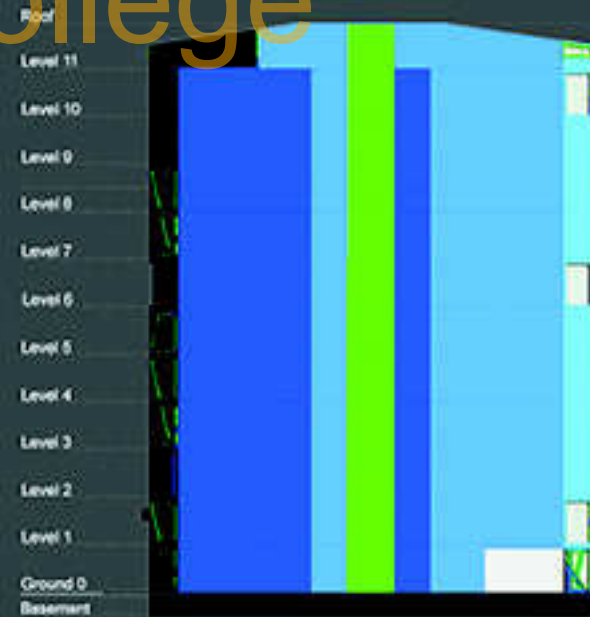
WEST



SOUTH



EAST

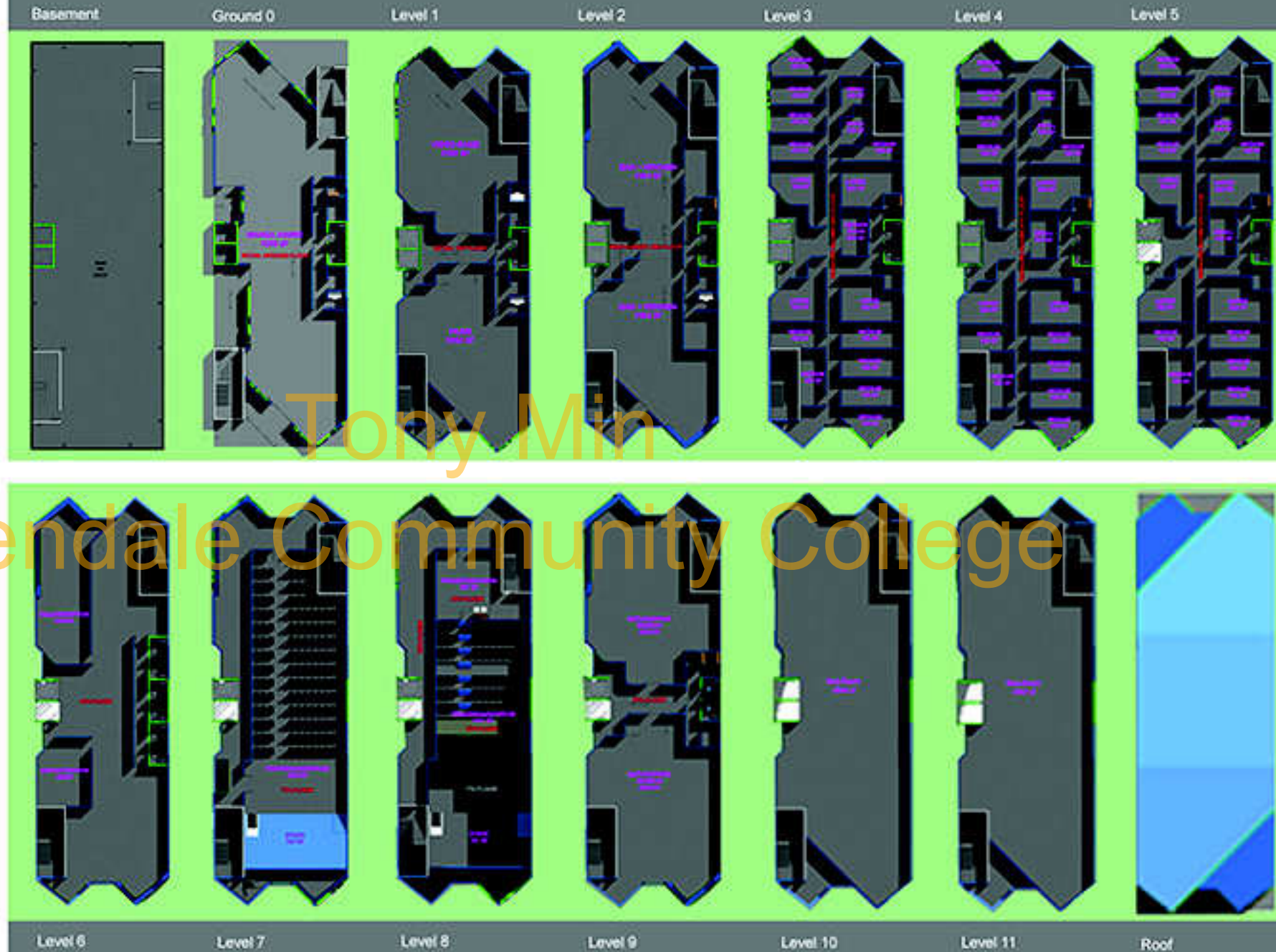


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FLOOR PLAN

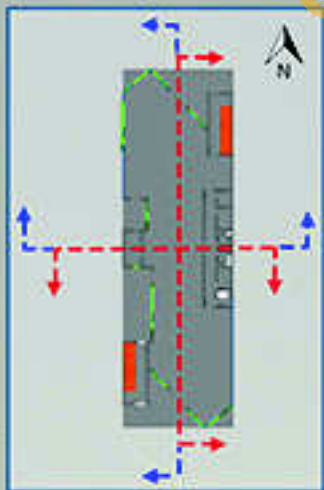
Floor Information

Basement:	Storage	6458 SF
Ground 0:	Manga/Anime	4305 SF
Level 1:	Video Game	2152 SF
	Film	2152 SF
Level 2:	1. Bar + KiTchen	1184 SF
	2. Bar + Kitchen	1184 SF
Level 3-5:	Karaoke Rooms	
	2 Small	129 SF
	10 Medium	193 SF
	9 Large	322 SF
	1 Large	215 SF
Level 6:	Hall/Reception	484 SF
	Administration	484 SF
Level 7:	Stage	747 SF
	1st fl Theater	3893 SF
Level 8:	Projection	697SF
	2nd fl Theater	1411 SF
Level 9:	1. Multi-Room	2422 SF
	2. Multi-Room	2422 SF
Level 10:	3. Multi-Room	4844 SF
Level 11:	4. Multi-Room	4844 SF



SECTION

Section Cut Information



North

East

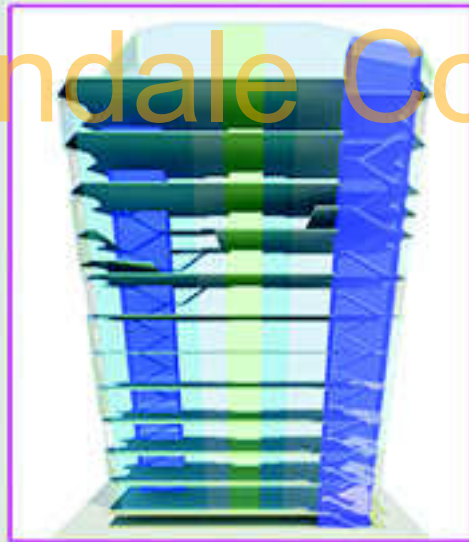
South

West

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CIRCULATION



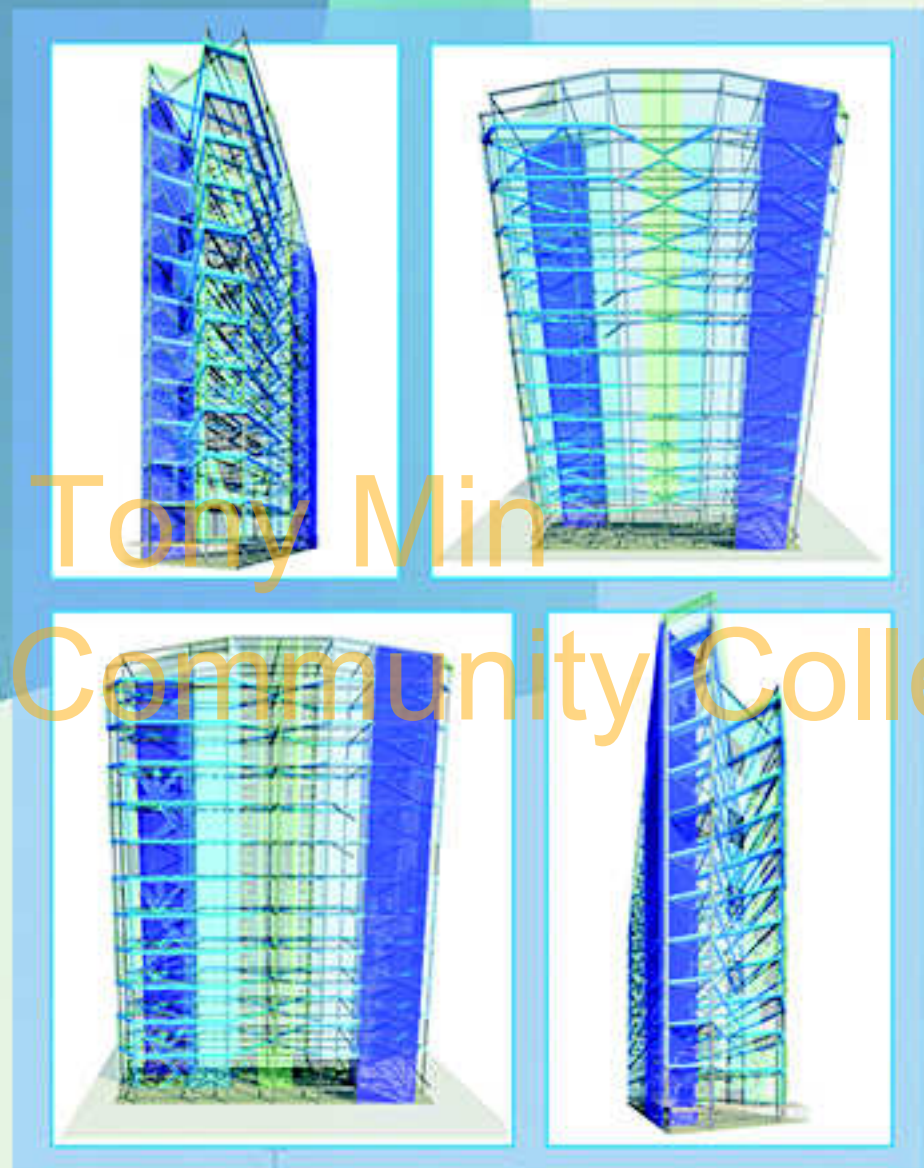
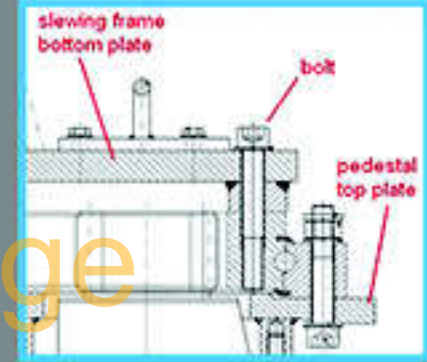
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DIAGRAM INFORMATION



 CIRCULATION
 FLOOR



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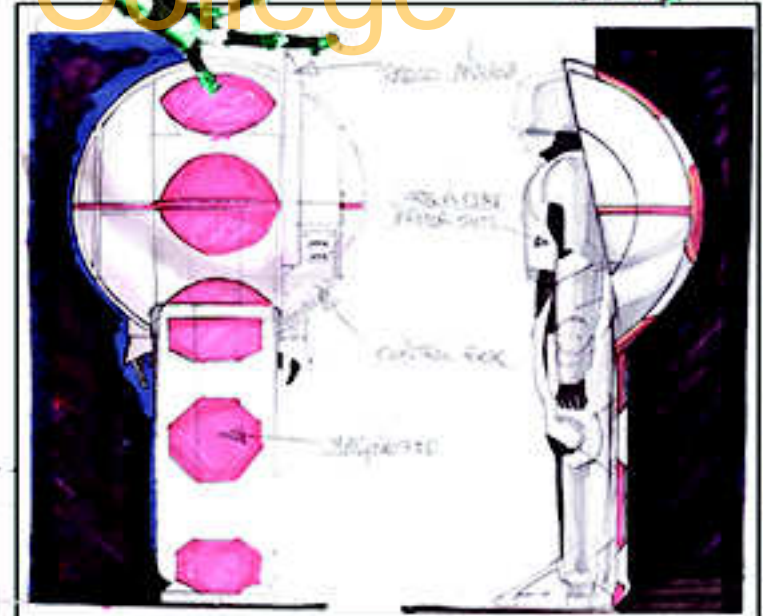
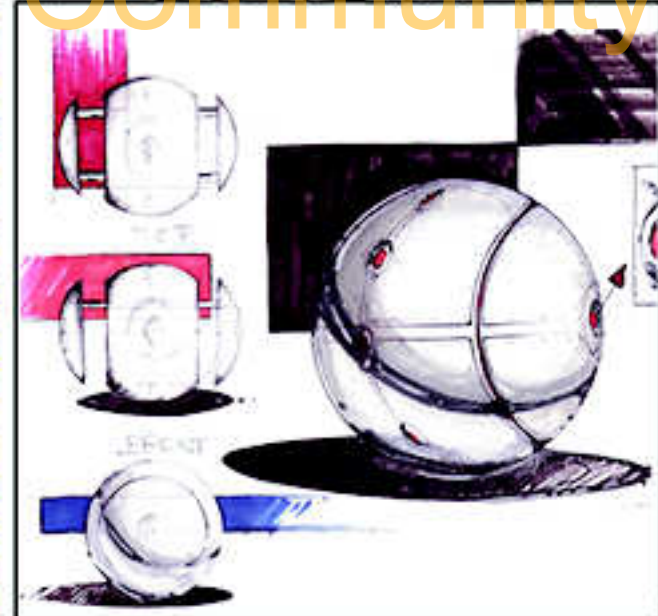
DESIGN 1

ART 130

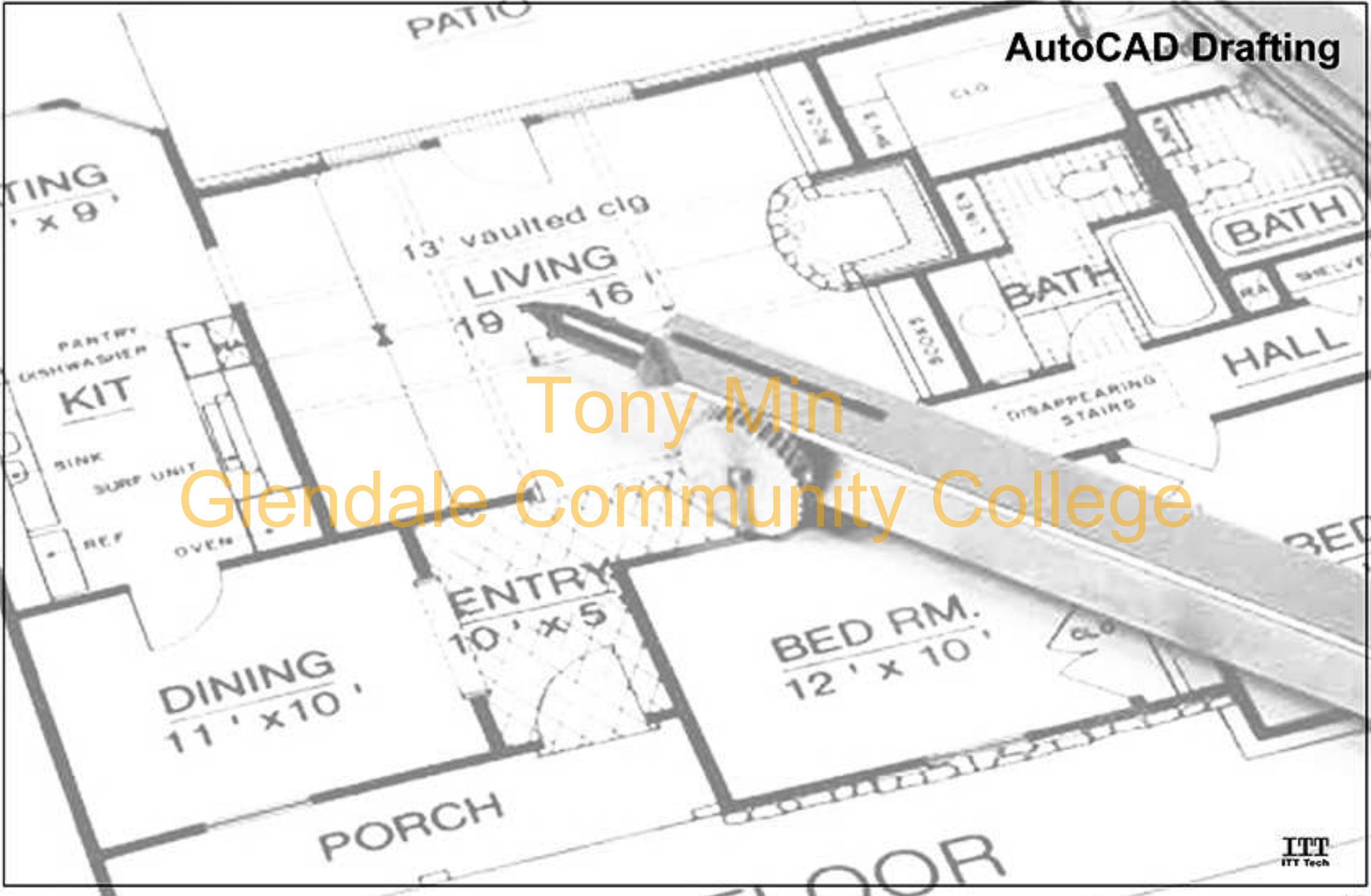


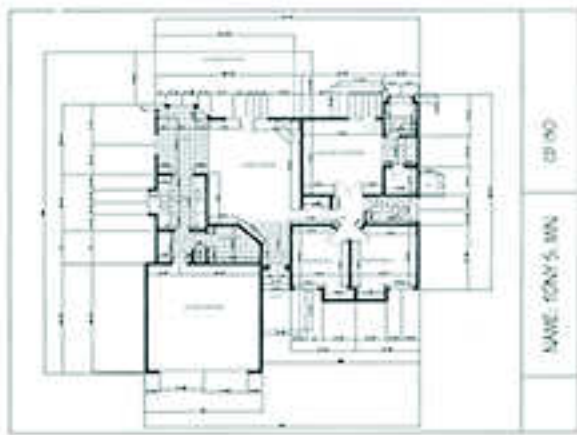
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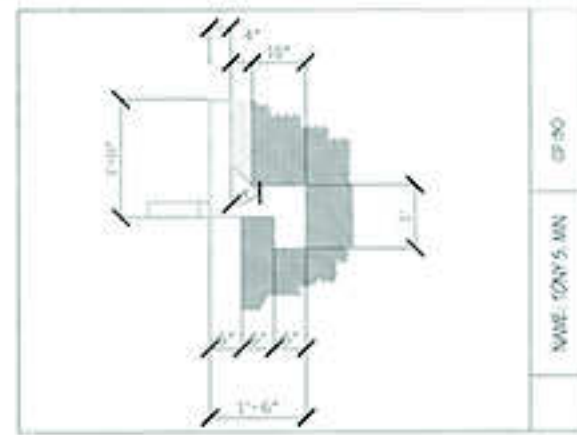




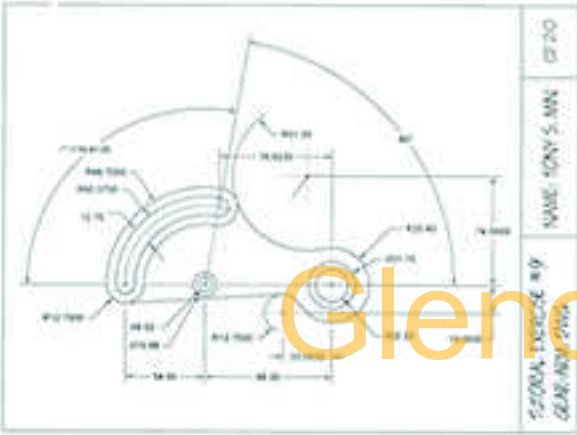
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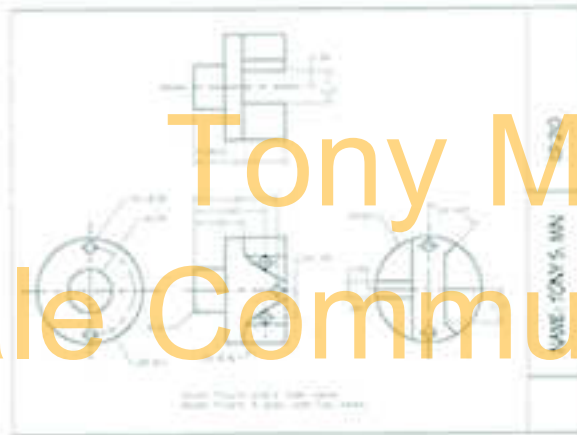
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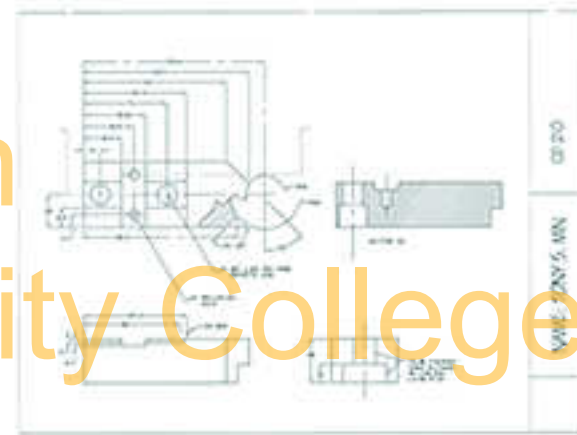
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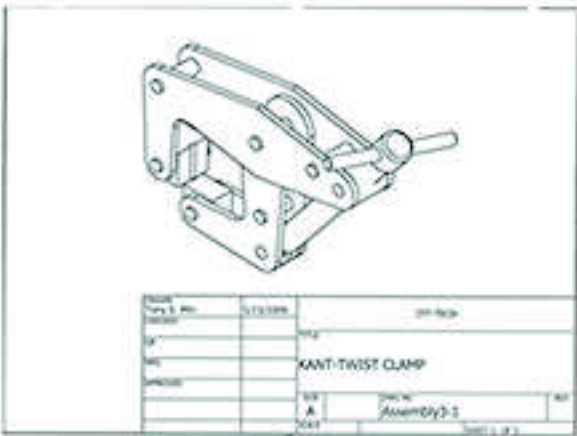
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 DT: 00
 DRAWN: TONY'S MIN
 CHECKED: TONY'S MIN



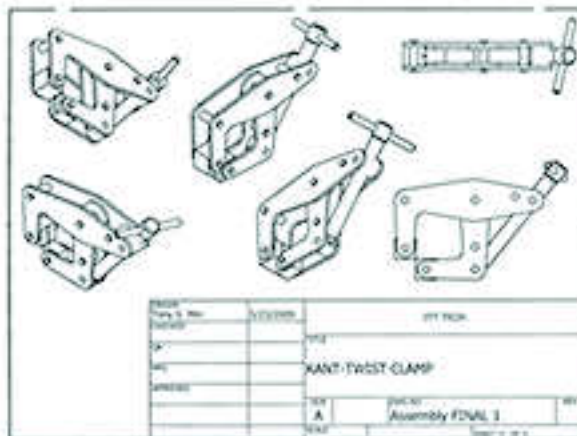
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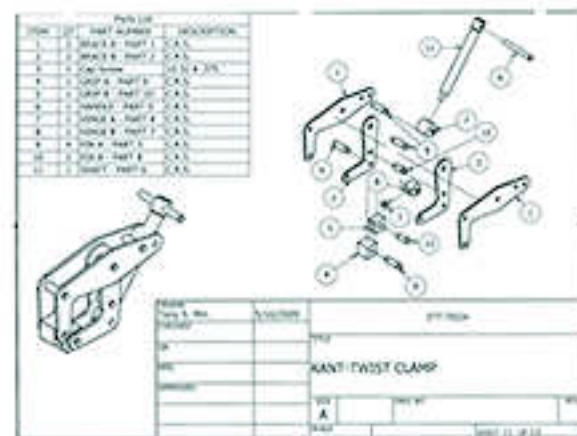
NAME: TONY'S MIN
 DT: 00



NAME	DATE	BY	CHK
Tony's Min	00/00	Tony's Min	
KANT-TWIST CLAMP			
PART: Assembly-3			
SHEET 1 OF 1			



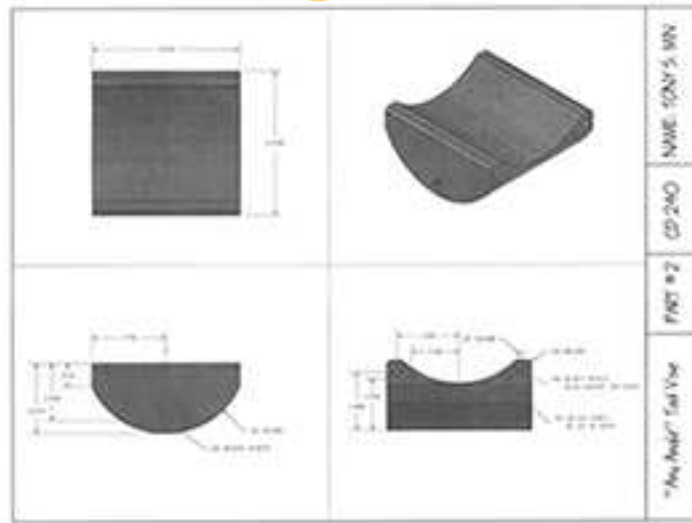
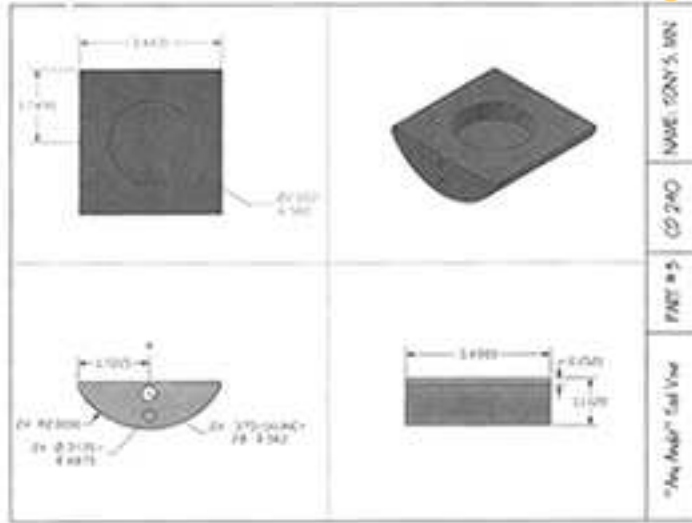
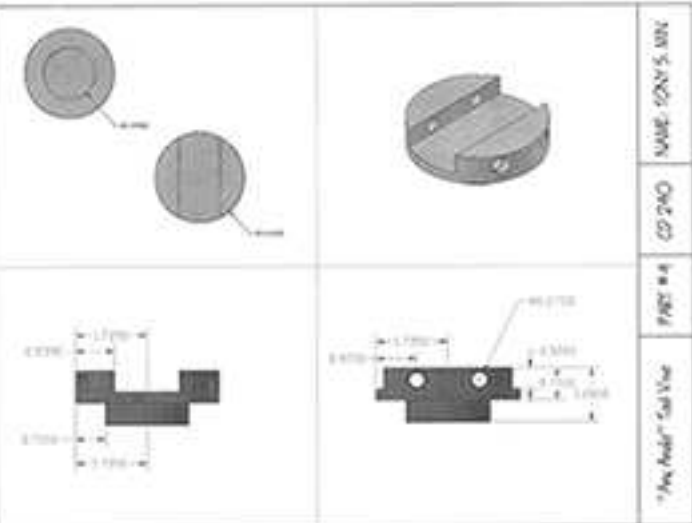
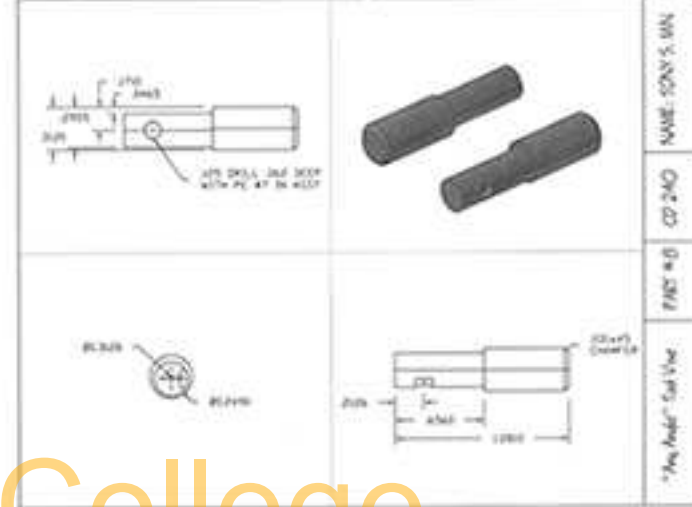
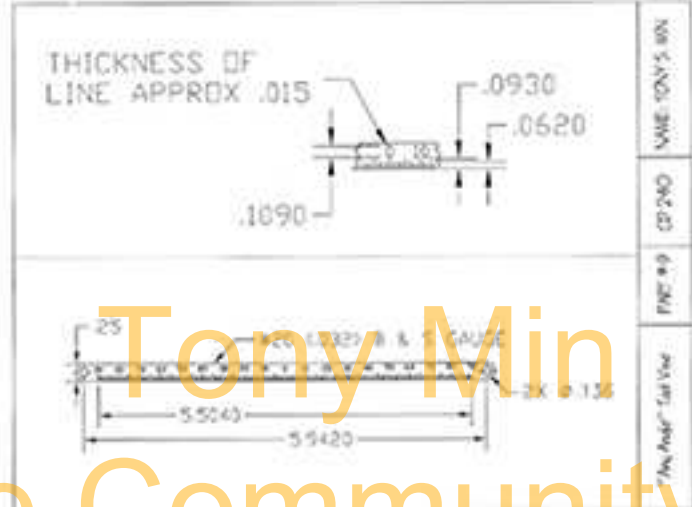
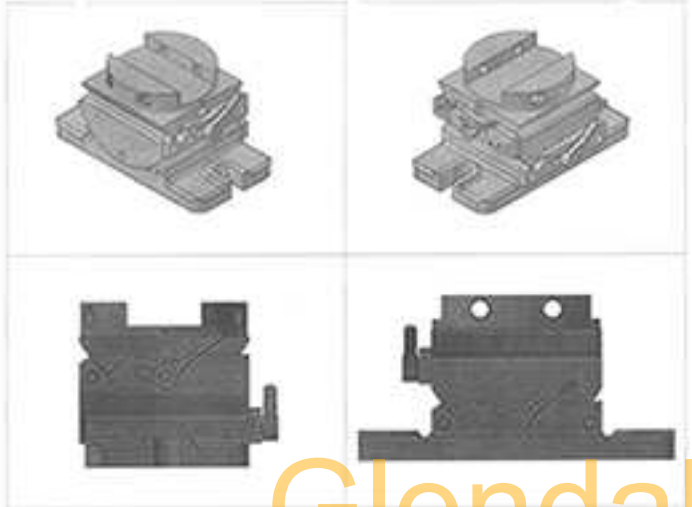
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Tony's Min	00/00	Tony's Min	
KANT-TWIST CLAMP			
PART: Assembly PDNAL 3			
SHEET 1 OF 1			



ITEM	QTY	PART NAME	DESCRIPTION
1	1	CLAMP	CLAMP
2	1	SCREW	SCREW
3	1	WASHER	WASHER
4	1	SPACER	SPACER
5	1	WASHER	WASHER
6	1	SCREW	SCREW
7	1	WASHER	WASHER
8	1	SCREW	SCREW
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20	1	SCREW	SCREW

NAME	DATE	BY	CHK
Tony's Min	00/00	Tony's Min	
KANT-TWIST CLAMP			
PART: Assembly PDNAL 3			
SHEET 1 OF 1			

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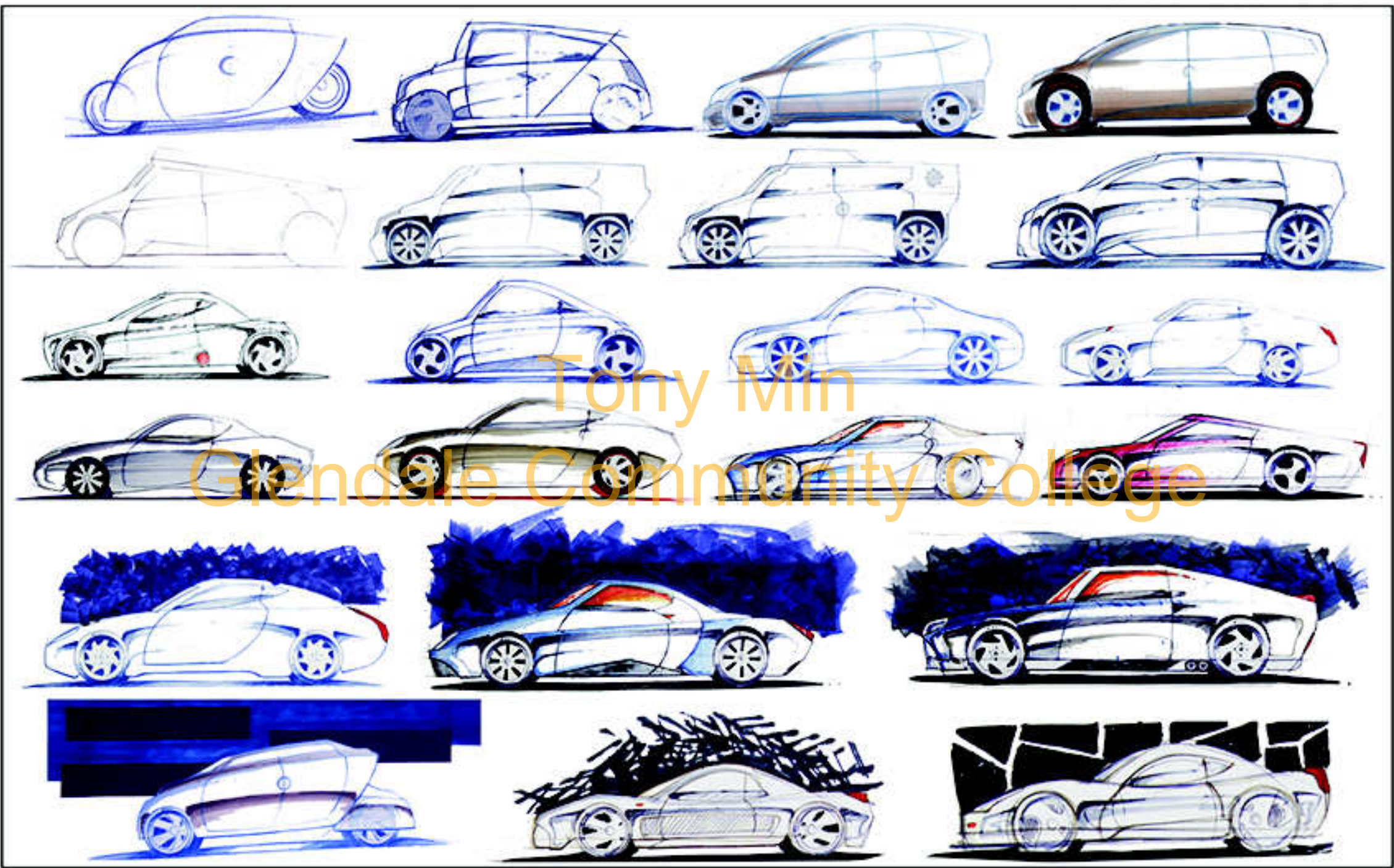


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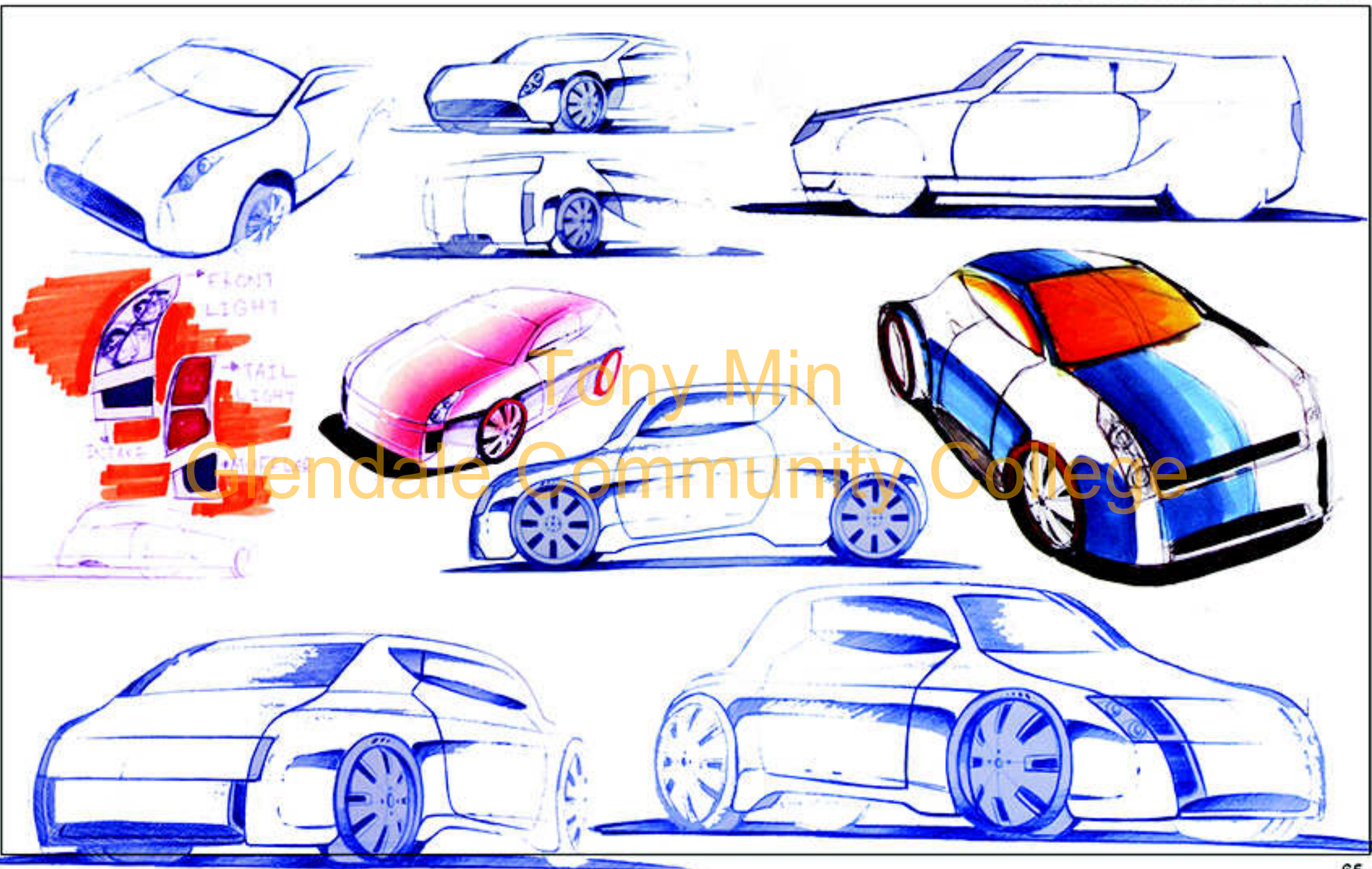
TRANSPORTATION DESIGN
VISUAL COMMUNICATION
FIGURE DRAWING

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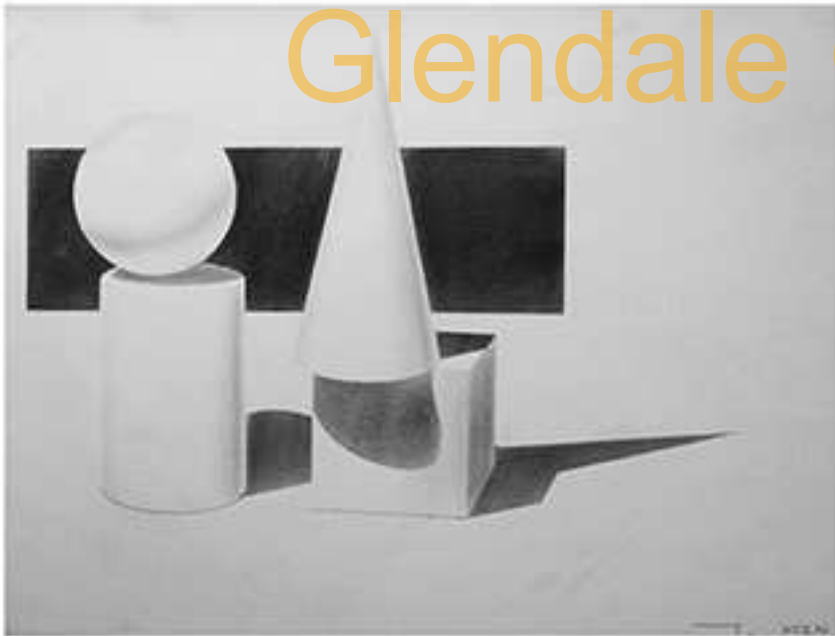
FRONT LIGHT
TAIL LIGHT
INTAKE

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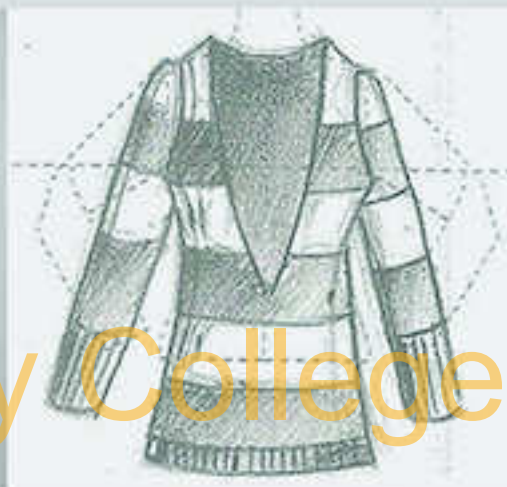
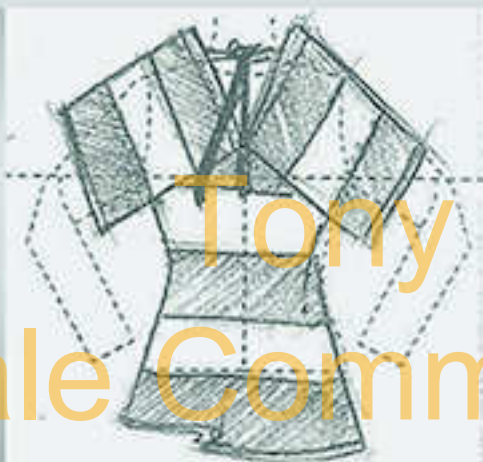
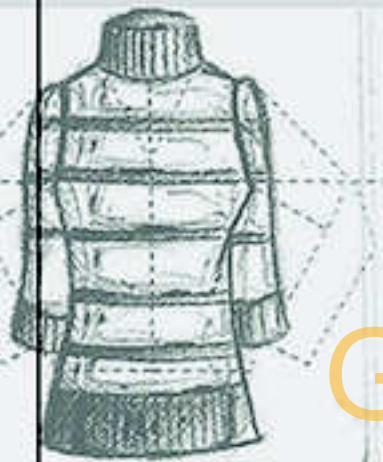


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FASHION DESIGN



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KNITTING

LABEL

LOGO

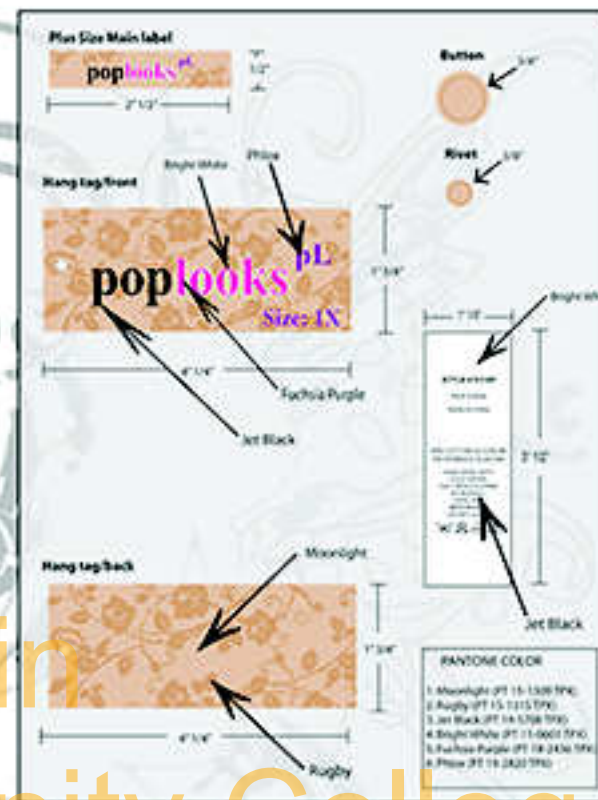
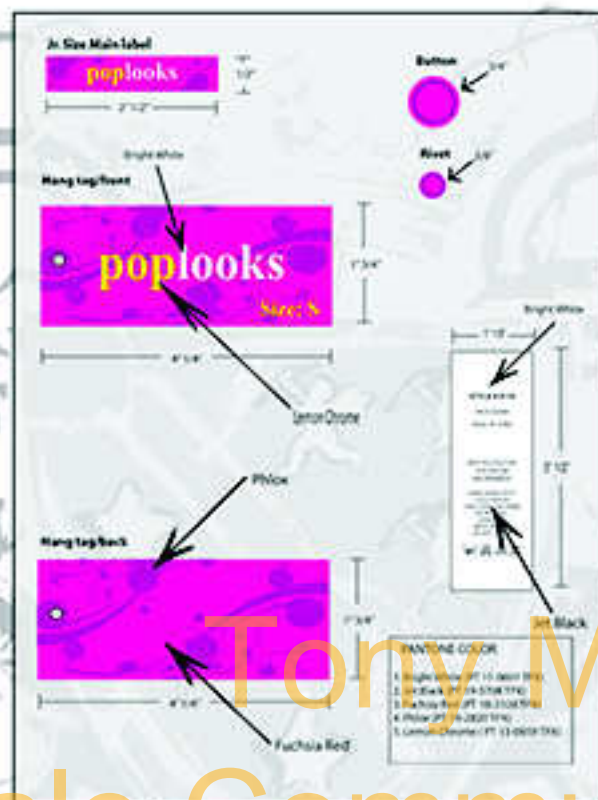
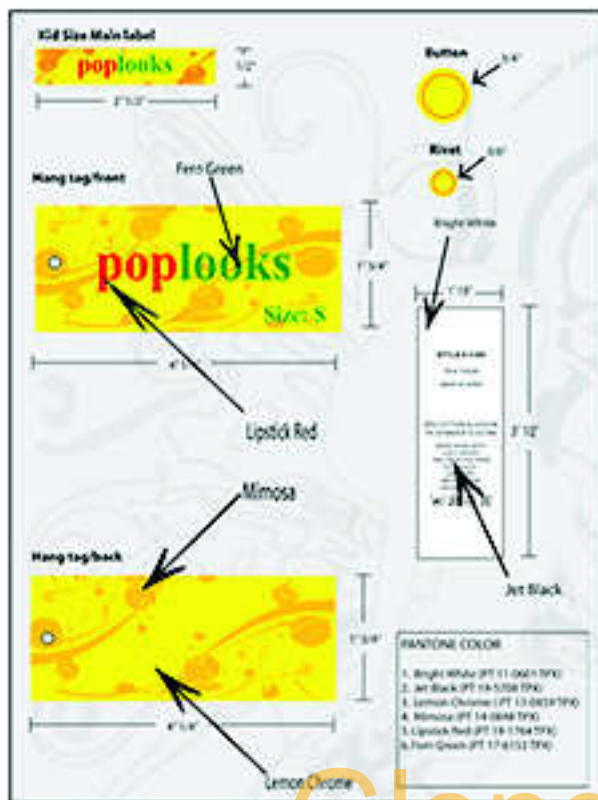


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ONE
Aimatronic Design System
SHIMA SEIKI







LABEL

Kid Size
 Jr. Size
 Plus Size
 Indigo

MAIN LABEL
 CARE LABEL
 WAIST BAND
 HANG TAG

