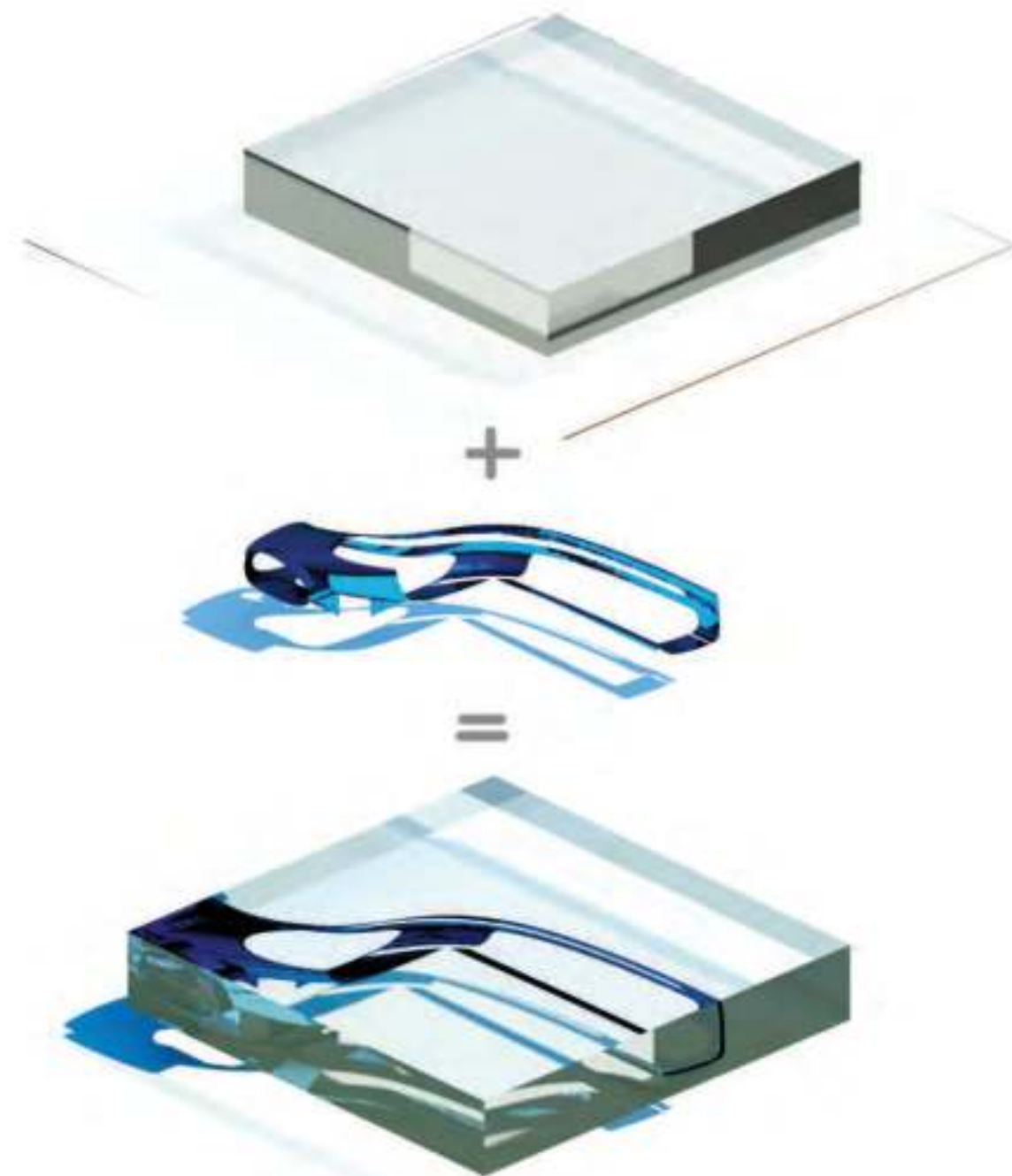


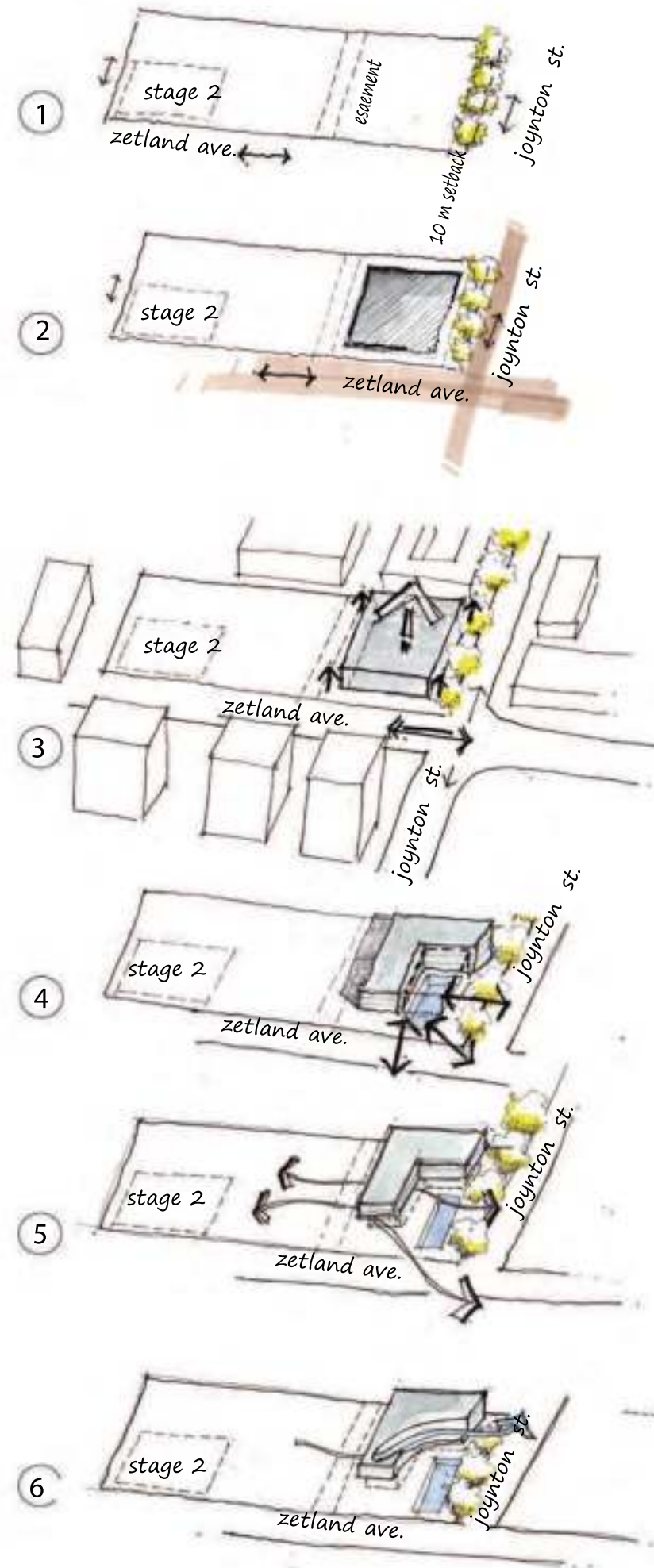
GUNYAMA PARK AND AQUATIC CENTRE



DESIGN CONCEPT

Design concept is driven from the aboriginal word Gunyama "wind from south west". The pleasant nature of the wind suddenly becomes unpleasant after emergence of factors and warehouses in the district. The design concept is the resemblance of the return to the fresh and pleasant Gunyama.

The trace of the wind carves through the form, a new and physical interpretation of an invisible natural force. In the design process the carving was initially extended south westerly, as the direction of Gunyama. However as the design was developed and other factors such as building orientation, based on environmental factors and urban design rational were taken into account, the wind trace slides through the form east westerly instead. The change allowed the building to open up to the north and consequently to the street. It also created an appropriate building depth allowing natural lighting and airflow to be provided for almost most of the rooms. The white façade resembles the purity of water.



SITE CONSTRAINTS DIAGRAM

BUILDING POSITIONING DIAGRAM

To activate the primary and secondary frontage of the new proposal and to maximise the public exposure to the centre, the building is located on the corner of Zetland Avenue, the primary frontage, and Joynton Avenue. Looking at the future lot boundary survey, it is observed that the width of these two avenues would become the same based on the plan. Although the width of the public domains cannot necessarily define their importance in the region, it could be interpreted this way in many occasions. Based on that observation, building can be located either on North West corner or on North East corner of the site. As the North East corner is not currently owned by the council, the building is located on the corner of Joynton Avenue and Zetland Avenue.

CONTEXT HEIGHT DIAGRAM

Looking at the building height map, the heights of the surrounding buildings fronting the streets vary from 7 storey high to 15 storey. Therefore the building plot boundary was raised to 3 storey height rather than sinking into the ground. That resulted in a smaller building footprint and minimised the cost of excavation.

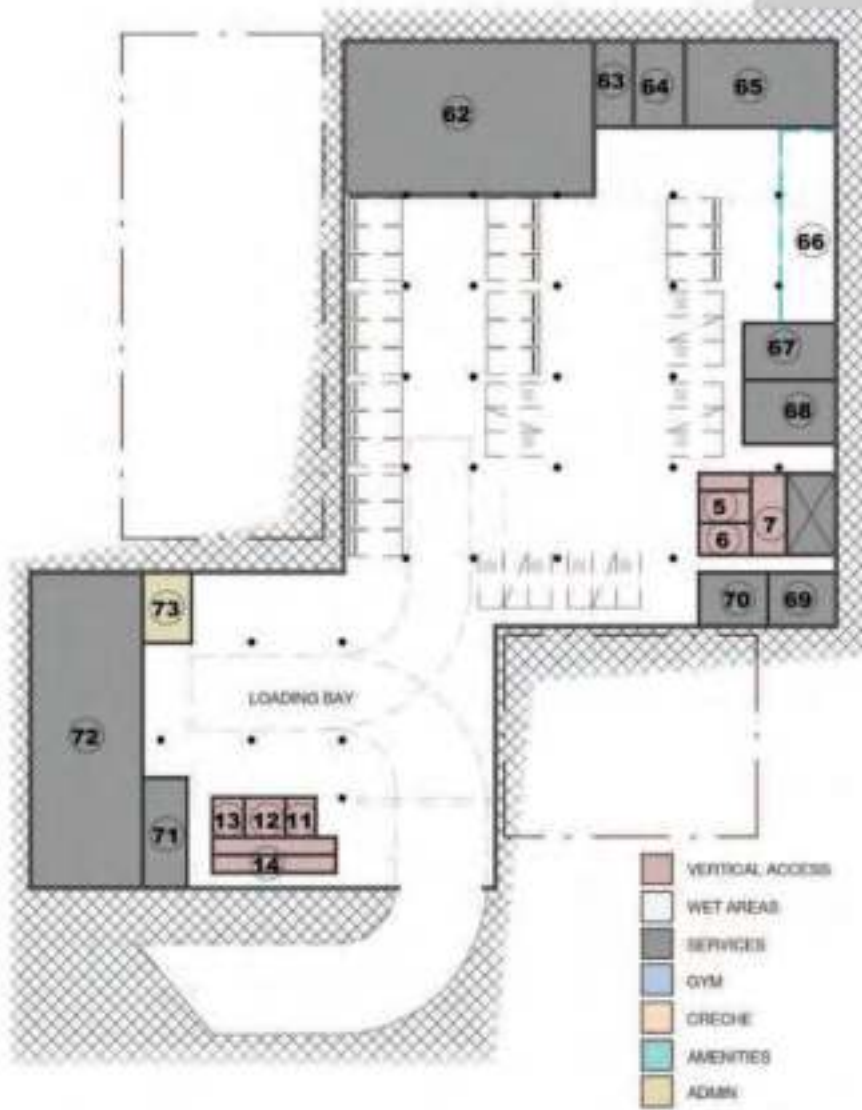
FORM DEVELOPMENT DIAGRAM

The North West corner of the extruded form is subtracted to free the space for the Main Pool. The decision to locate the Main pool on the North West corner was driven by the idea of having the public eyes on the heart of the activity. It also created the opportunity for having an outdoor pool with no shade parts over the water surface throughout the whole winter time. The problem with pool water evaporation however could be minimised by the presence of the exiting trees along Joynton Avenue and plantation of new trees along Zetland Avenue.

THRESHOLD WITH PUBLIC REALM

The diagram shows how the building mass is lifted up to create an active ground plane to create a strong connection with the street.

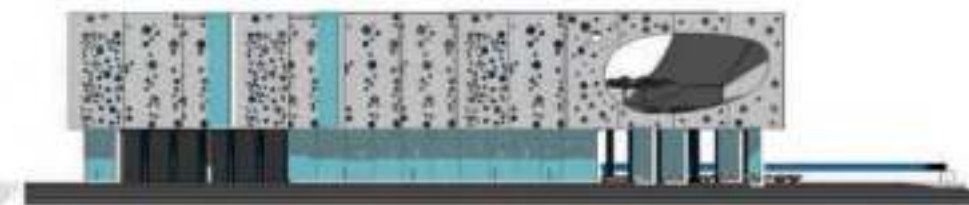
DESIGN CONCEPT DIAGRAM



BASEMENT FLOOR PLAN
1:750



SITE PLAN
1:1000



ESAT ELEVATION
1:500



VIEW TO MAIN POOL

45	440 m ²	LEISURE POOL/WATER SLIDERS	65	122 m ²	POOL STORAGE
46	126 m ²	SPIN ROOM	66	102 m ²	BKE RACKS
47	121 m ²	GYM ENTRY	67	49 m ²	FIRE
48	160 m ²	GYM DRY CHANGEROOM	68	55 m ²	HYDRAULIC
49	260 m ²	Room	69	33 m ²	CORRIS
50	174 m ²	SPIN ROOM	70	34 m ²	ELECTRICAL
51	25 m ²	CONSULTATION ROOM 2	71	45 m ²	GARBAGE
52	99 m ²	GYM DRY CHANGEROOM 2	72	336 m ²	COGENERATION/TRIGENERATION
53	24 m ²	CONSULTATION ROOM 1	73	31 m ²	CONTROL ROOM/BUILDING MANAGEMENT
54	210 m ²	CRECH/ GYM ENTRY	74	661 m ²	GRASSED SPECTATOR SEATING AREA
55	114 m ²	OUTDOOH KIDS PLAY AREA	75	7079 m ²	MULTIPURPOSE FIELD
56	16 m ²	CRECHE STORE	76	304 m ²	CIRCLE TRAINING
57	19 m ²	KIDS' TOILETS	77	504 m ²	SKATEBOARDING CURVE
58	13 m ²	CRECHE OFFICE	78	69 m ²	PUBLIC TOILETS/STORAGE
59	13 m ²	CRECHE KITCHENETTE	79	74 m ²	PARK PLANT AND SERVICES
60	145 m ²	KIDS' INDOOR PLAY GROUND	80	72 m ²	SUBSTATION
61	710 m ²	GYM	81	117 m ²	COGENERATION/TRIGENERATION
62	569 m ²	PLANT & STORE	82	74 m ²	FIELD AMENITIES/KITCHENETTE
63	30 m ²	WATER RECYCLE	83	141 m ²	CHILDREN SAND PIT/ PLAY GROUND
64	40 m ²	HYD POOL STORAGE	84	1090 m ²	GRASS SEATING



VIEW FROM ZETLAND AVE

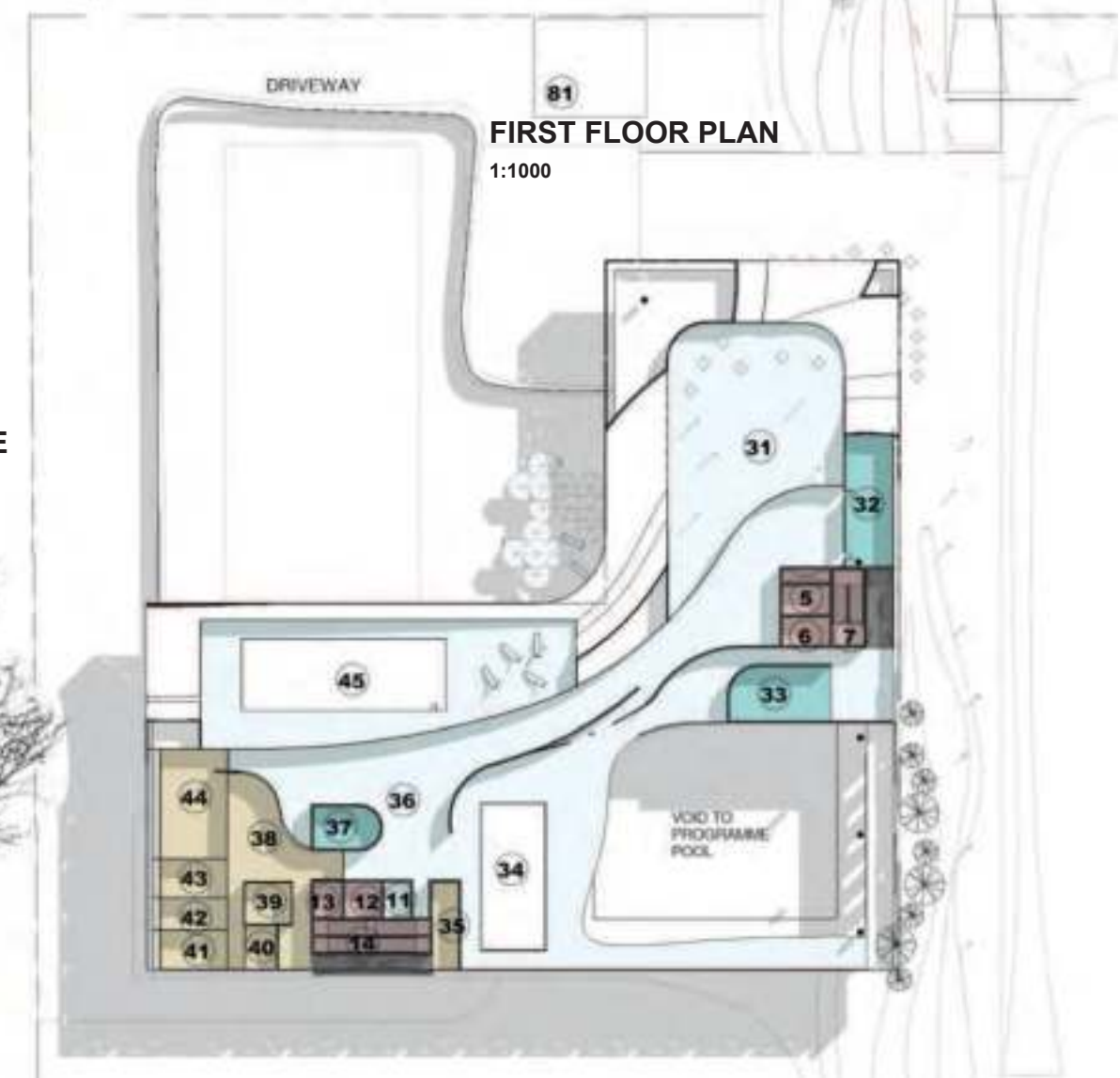
1	318 m ²	MAIN ENTRY FOYER
2	93 m ²	CAFENISKITCHEN/ FOOD PREPARATION
3	81 m ²	DRY LOUNGE
4	67 m ²	DRY & WET LOUNGE TOILETS
5	15 m ²	DRY LIFT
6	15 m ²	WET LIFT
7	26 m ²	FIRE STAIR 1
8	99 m ²	PARK SIDE ENTRY
9	651 m ²	PROGRAMME POOL HALL
10	137 m ²	PROGRAMME POOL WET CHANGEROOM LOCKERS
11	11 m ²	WET LIFT
12	14 m ²	GOODS LIFT
13	11 m ²	SATFF/CRECHE LIFT
14	19 m ²	FIRE STAIR 2
15	21 m ²	FIRTS AID
16	29 m ²	CLEANERS ROOM
17	45 m ²	POOL STORE
18	17 m ²	STAFF BKE RACKS
19	67 m ²	STAFF ENTRY/CRECHE ENTRY
20	195 m ²	MAIN POOL WET CHANGEROOM LOCKERS
21	667 m ²	MAIN POOL CIRCULATION
22	288 m ²	POOL SPECTATOR SEATING AREA
23	1015 m ²	MAIN POOL
24	471 m ²	WET LOUNGE
25	90 m ²	RECEPTION/TICKETING
26	118 m ²	STORE
27	334 m ²	PUBLIC ART INSTALLATION BY LOCAL ARTISTS
28	56 m ²	BKE RACKS
29	221 m ²	OUTDOOR CAFE SEATING
30	379 m ²	OUTDOOR CAFE/OUTDOOR TERRACE
31	70 m ²	L1 CHANGEROOM
32	140 m ²	HYDROTHERAPY POOL, CHANGEROOMS
33	485 m ²	HYDROTHERAPY POOL, CIRCULATION
34	44 m ²	HYDROTHERAPY ASSESSMENT ROOM/SUPERVISOR
35	693 m ²	HYDROTHERAPY/LEISURE POOL CONCOURSE
36	29 m ²	TOILETS
37	63 m ²	STAFF AMENITIES
38	20 m ²	STAFF TOILETS
39	15 m ²	MEETING 2
40	28 m ²	MANAGER 2
41	23 m ²	MANAGER
42	28 m ²	MEETIN 1
43	28 m ²	MEETIN 1
44	77 m ²	STAFF CENTRE

LEGEND:

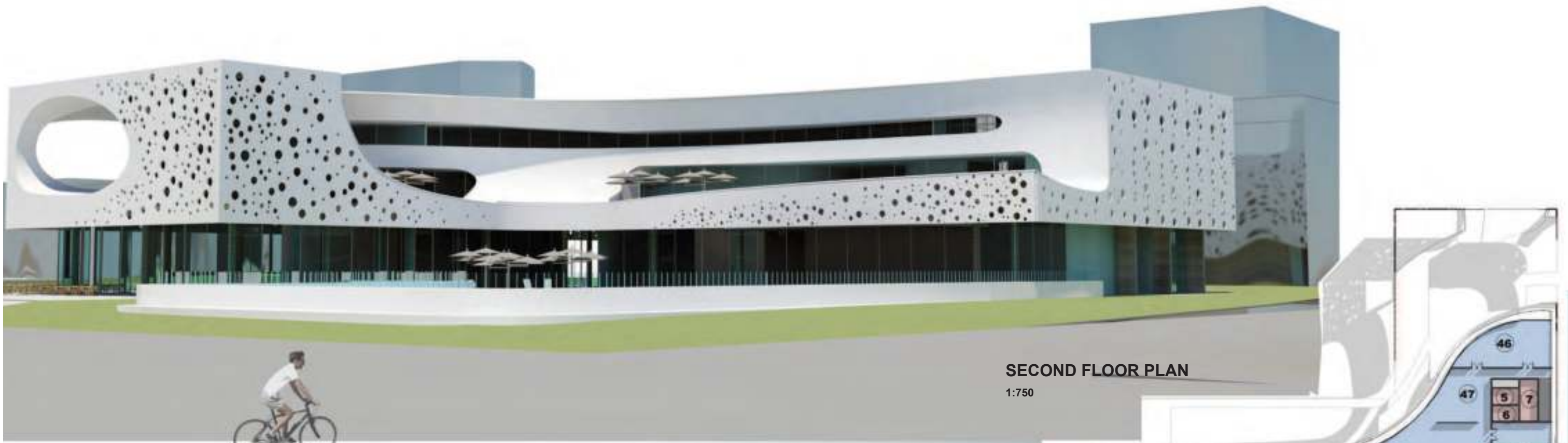
- VERTICAL ACCESS
- WET AREAS
- SERVICES
- GYM
- CRECHE
- AMENITIES
- ADMIN



GROUND FLOOR PLAN
1:1000



FIRST FLOOR PLAN
1:1000



SECOND FLOOR PLAN

1:750

VIEW FROM CORNER OF ZETLAND AVE. & JOYNTON AVE.

LEISURE POOL LOOKING NORTH EAST

PROGRAMME POOL VIEW FROM HYD. POOL