

enlocus
landscape architects

SUE SAVAGE RESERVE SKATEPARK

PRELIMINARY CONCEPT

26.08.2019

USERS

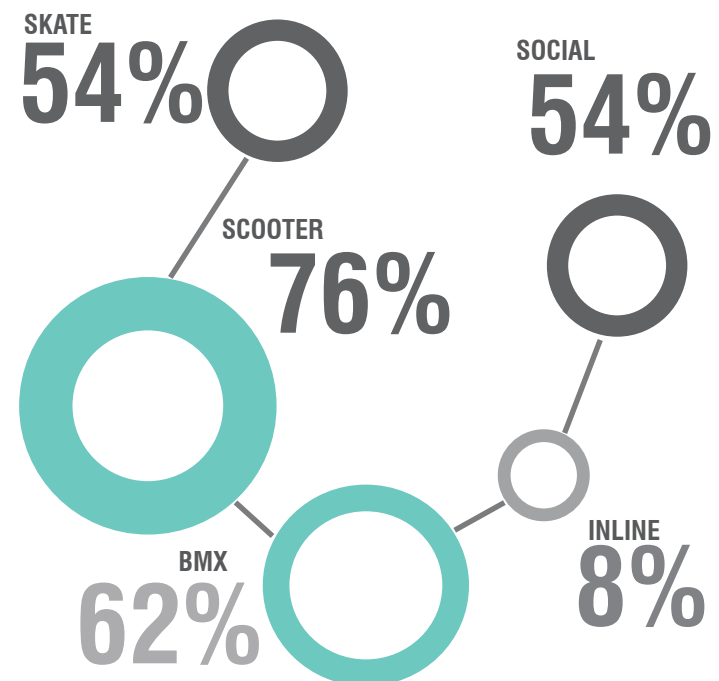
30+
CONSULTED
37 RESPONDENTS



RESPONDENT AGES:



USERS:



SPACE

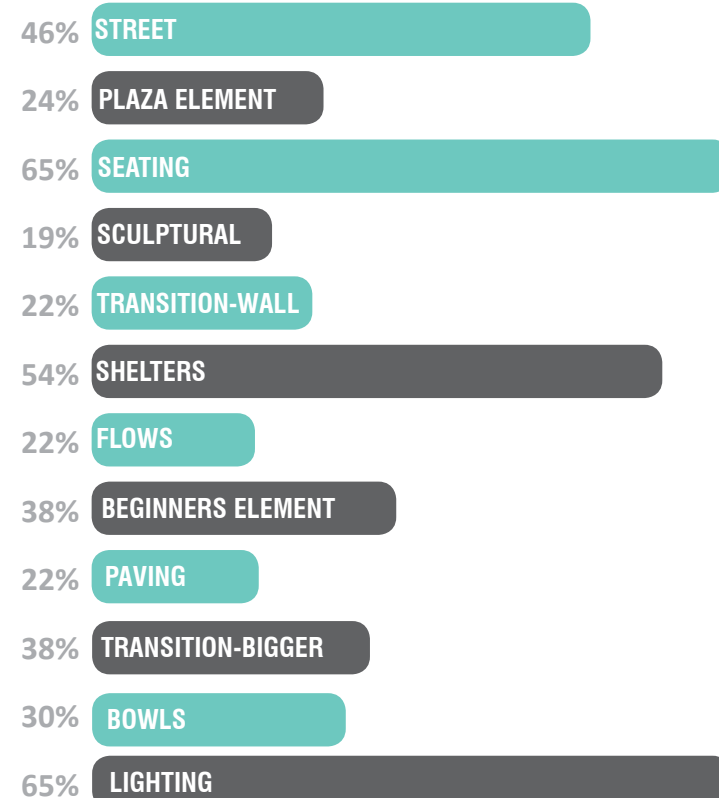
COMMENTS:

"I REALLY THINK THAT A **DRINKING FOUNTAIN, TOILETS AND SHELTERS** IS IMPORTANT. ALSO A NICE BALANCE BETWEEN **NATURE AND CONCRETE.**"

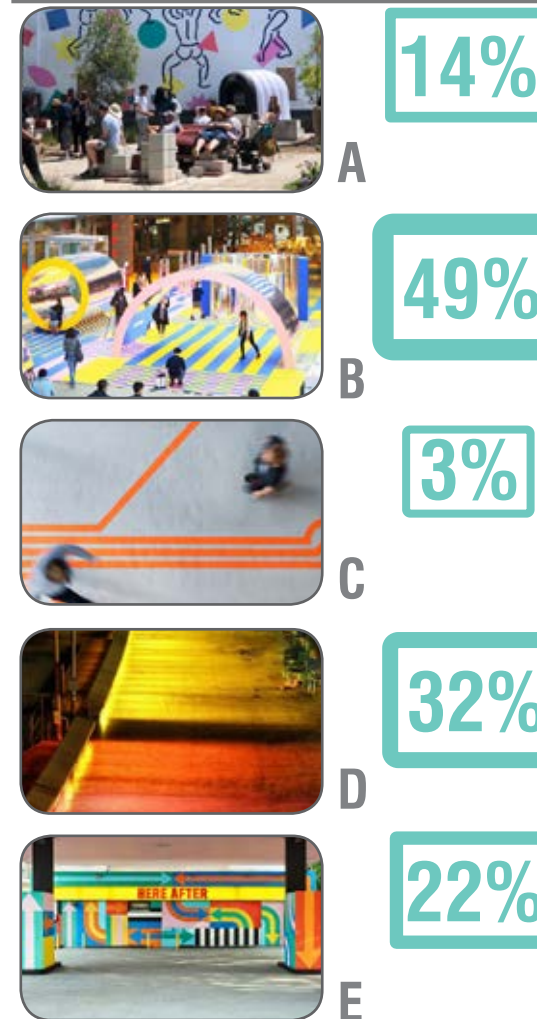
"KEEN TO USE THIS AS A RESIDENT AND AN EDUCATOR. WOULD LOVE TO SEE **ONGOING CLASS/WORKSHOPS** IN SCHOOL HOLIDAYS TO SUPPORT POSITIVE USE OF THIS RESOURCE."

"TO MAKE IT **KIDS FRIENDLY**"

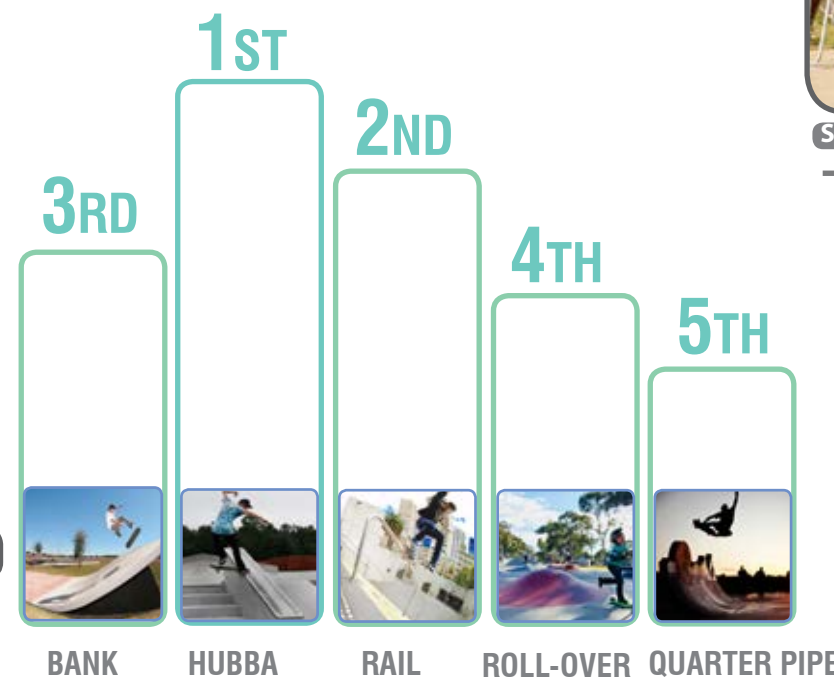
WHAT WOULD YOU LIKE IN THE SPACE?



ART & INSPIRATION



WHAT TYPE OF ELEMENT NEEDS TO BE INCLUDED?



SUPPORT

WHAT ELSE NEEDS TO BE IN THE SPACE ?



OTHER COMMENTS?

"WE CAN ADD A RECYCLED **SEATING AREA**"

"HAVING LOTS OF SPACE FOR **NATURE**, AND LOTS OF **BUBBLERS**"

"COLOUR, NATURE, LIGHTING"

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LISTENING TO THE GREAT IDEAS OF **YOUNG PEOPLE** AT TOONGABBIE PUBLIC SCHOOL **WORKSHOP** / JUNE 2019...

WELCOME THE WHOLE COMMUNITY

SKATE SPACES

SOCIAL SPACE

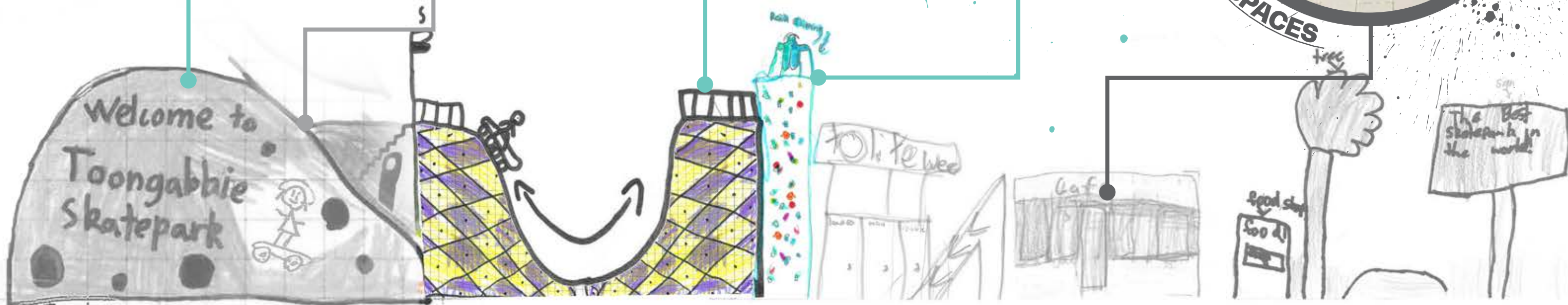
SKATE SPACE

PUBLIC ART

CLIMBING TOGETHER

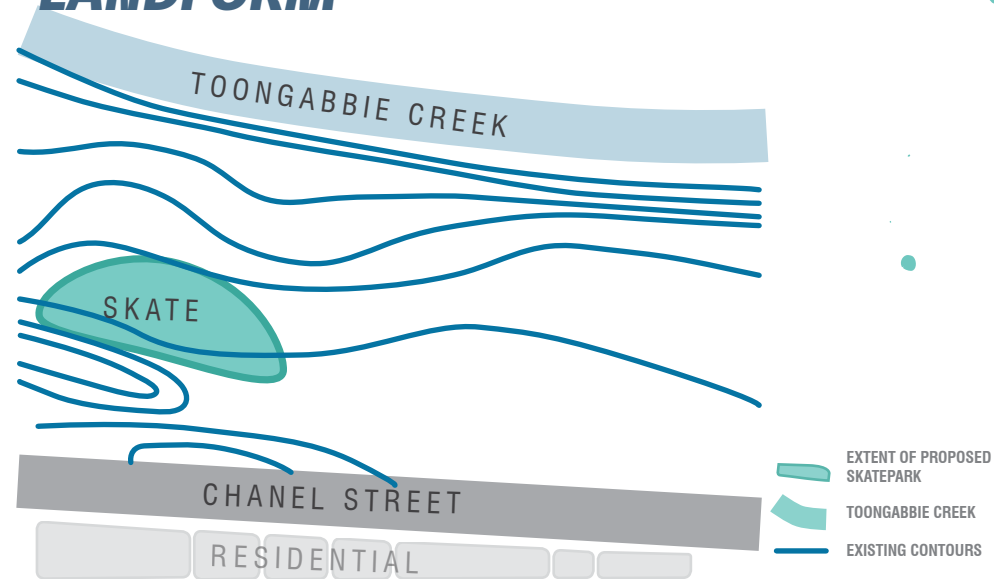
ART & EXPRESSION

SOCIAL SPACES



DESIGN PRINCIPLES

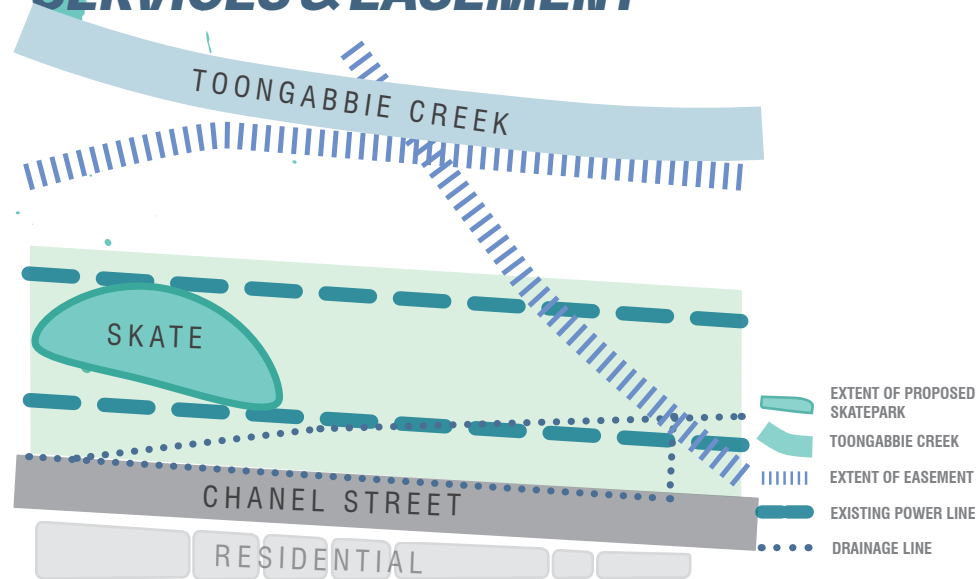
LANDFORM



1. EXPLORING THE POSSIBILITIES CREATED BY THE EXISTING LANDFORM.

- VIEWS TOWARDS TOONGABBIE CREEK
- TERRACED SEATING
- VIEWS OVER PROGRAM (SKATE & BASKETBALL)
- EVENTS HILL
- SKATE ELEMENT FORM

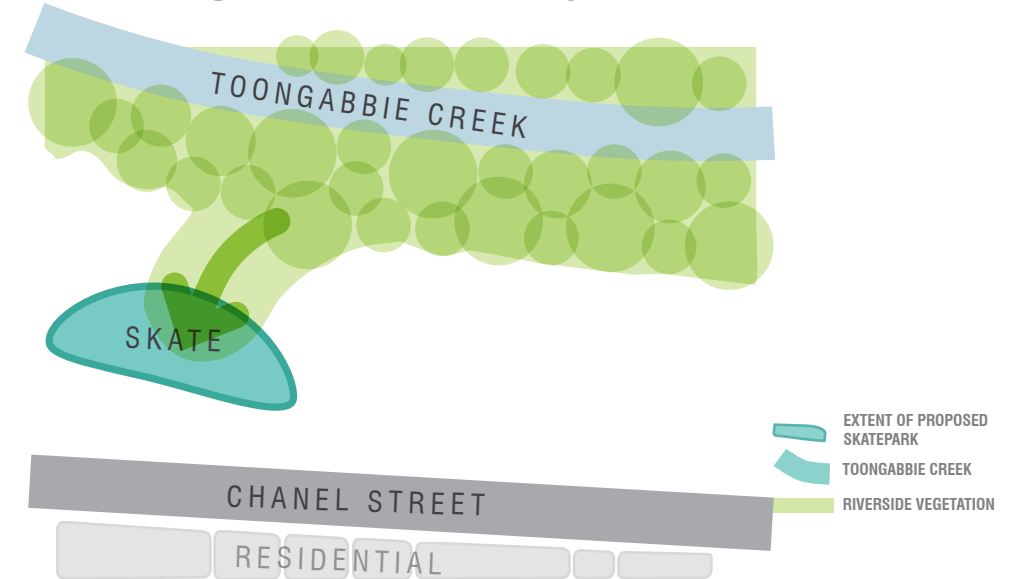
SERVICES & EASEMENT



2. CREATE A LINEAR ACTIVITY SPACE THAT SITS WITHIN THE EXISTING SERVICES AND EASEMENT LINES.

- CONSTRAINTS ON USABLE AREA
- NARROW CONCRETE FOOTPRINT
- PEDESTRIAN AND ACTIVE USER MOVEMENT
- DIRECTION OF USER FLOW

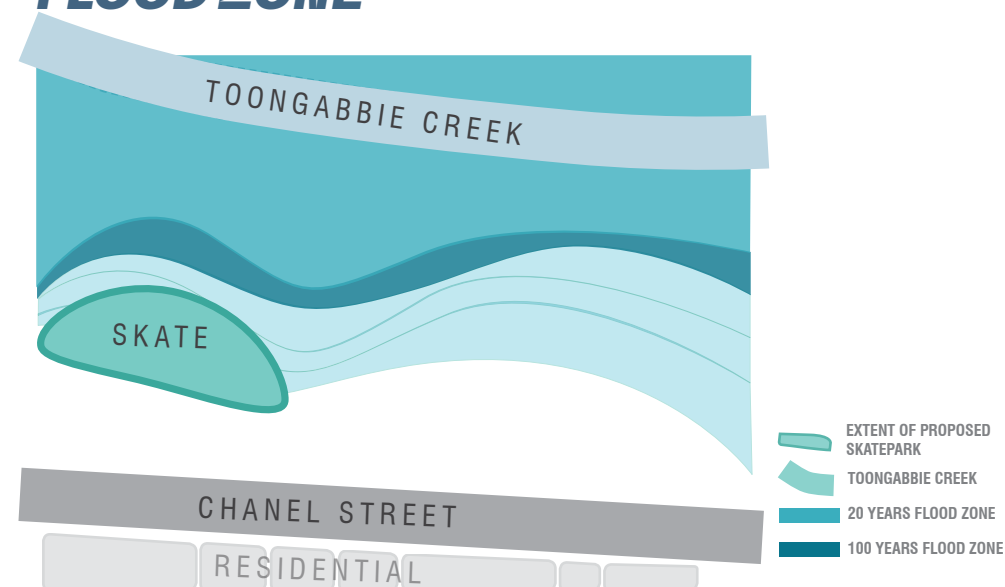
RIVERSIDE PLANTING



3. EXTEND THE RIVERSIDE VEGETATION AND PROVIDE NATURAL AMENITY FOR NEW SKATEPARK.

- NATURAL SHADE & COOLING
- NATIVE & ENDEMIC SPECIES
- OPPORTUNITIES FOR WSUD
- ALLOW VEGETATION TO SHAPE CONCRETE FORM
- BREAK UP MONOTONY OF CONCRETE SLAB

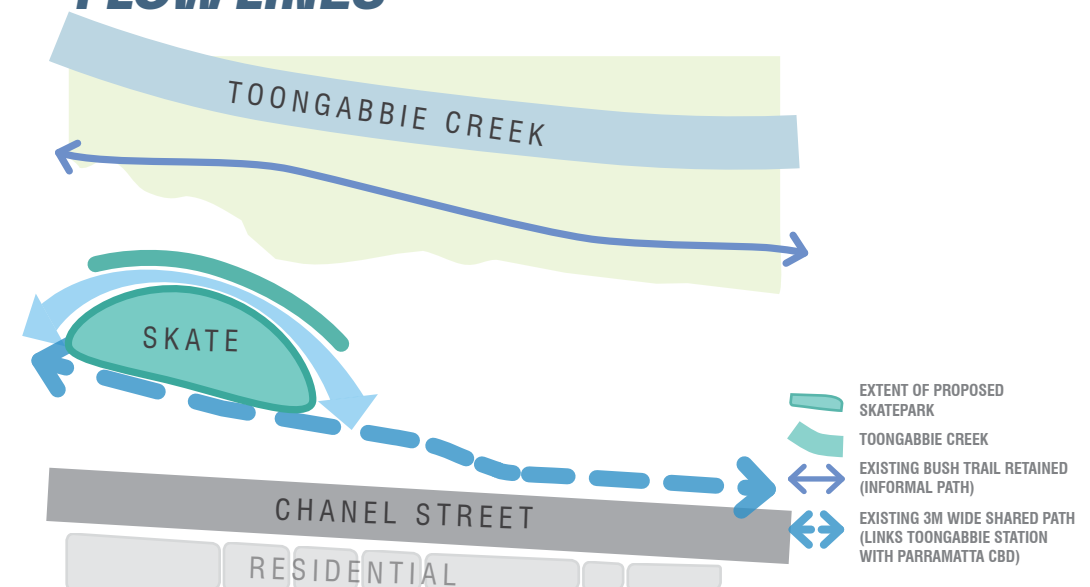
FLOOD ZONE



4. WORKING WITHIN THE CONSTRAINTS OF THE 20 & 100 YEAR FLOOD ZONE.

- WATER SENSITIVE URBAN DESIGN
- COMMUNITY SAFETY
- UTILIZING LANDFORM HIGH POINTS
- LAYERS OF ELEMENTS AND FORM
- FLOW MOTIF & EXPRESSION

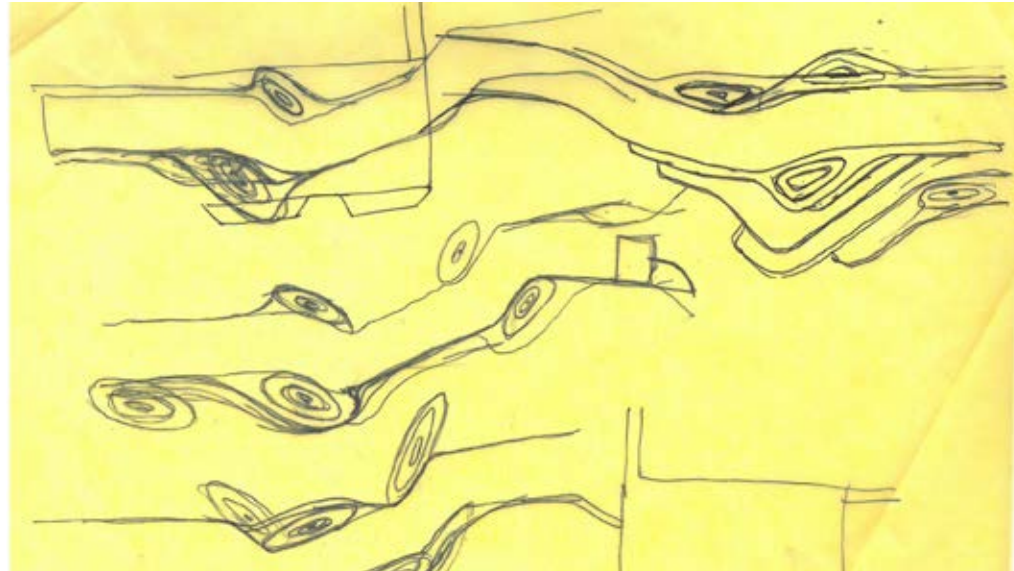
FLOW LINES



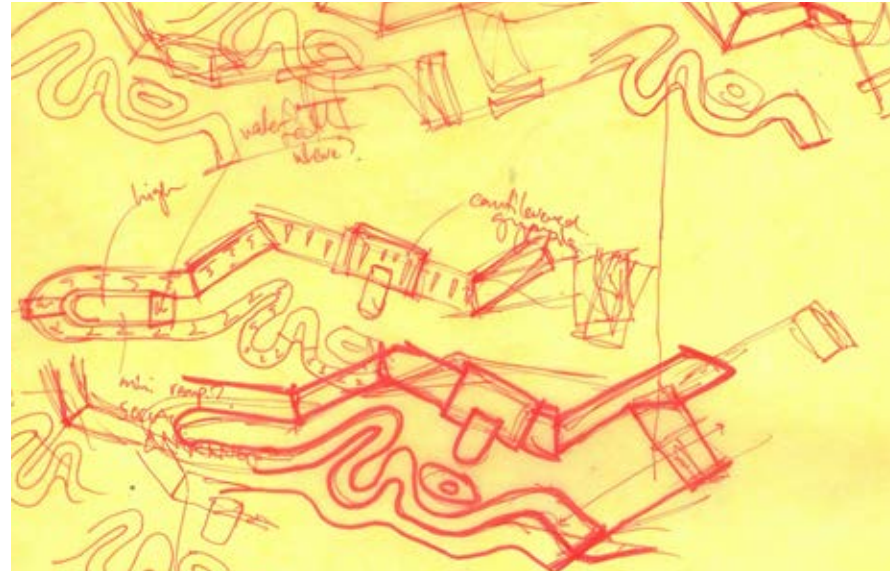
5. INCORPORATING FLOW LINES READ FROM TOONGABBIE CREEK AND THE MASTERPLAN.

- LINES OF MOVEMENT
- CONSIDERED INTEGRATION OF OLD AND NEW
- ACTIVE / PASSIVE SPACE DELINEATION
- ENTRANCE SEATING
- SOCIAL NODES
- DDA ACCESSIBILITY
- NEW CONNECTIONS

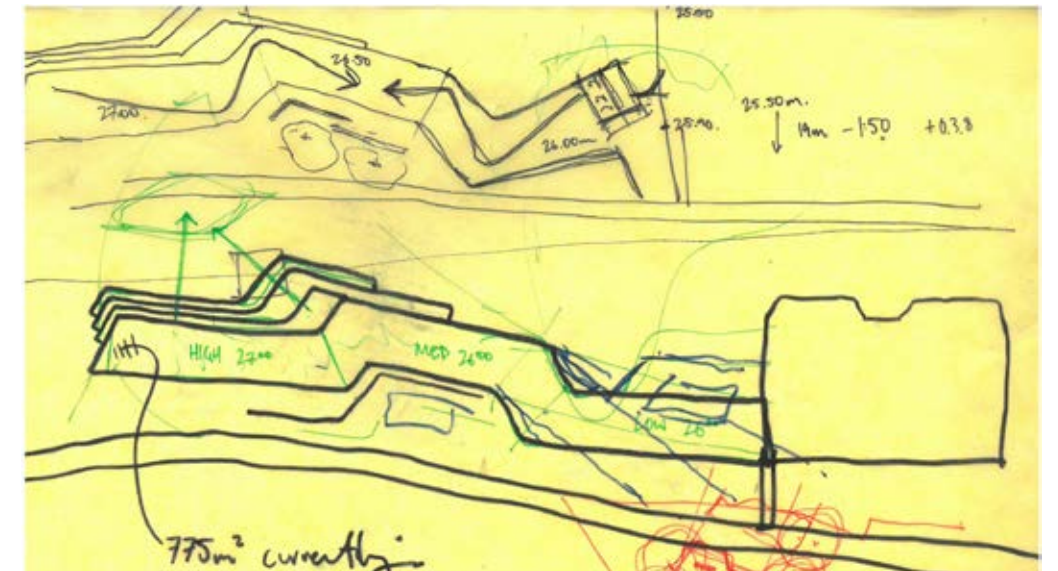
CONCEPT DESIGN SKETCH



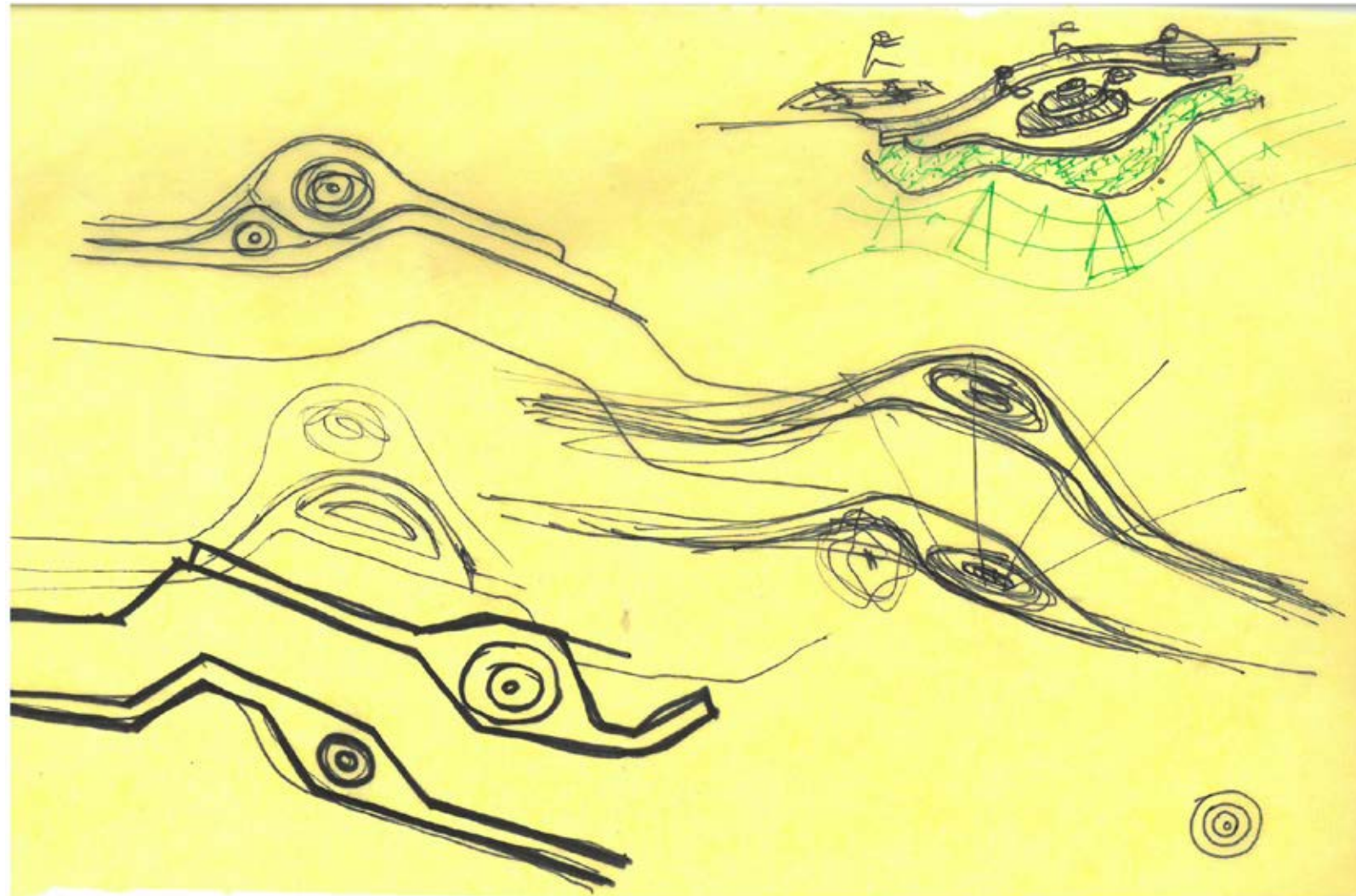
FORMING DESIGN LANGUAGE



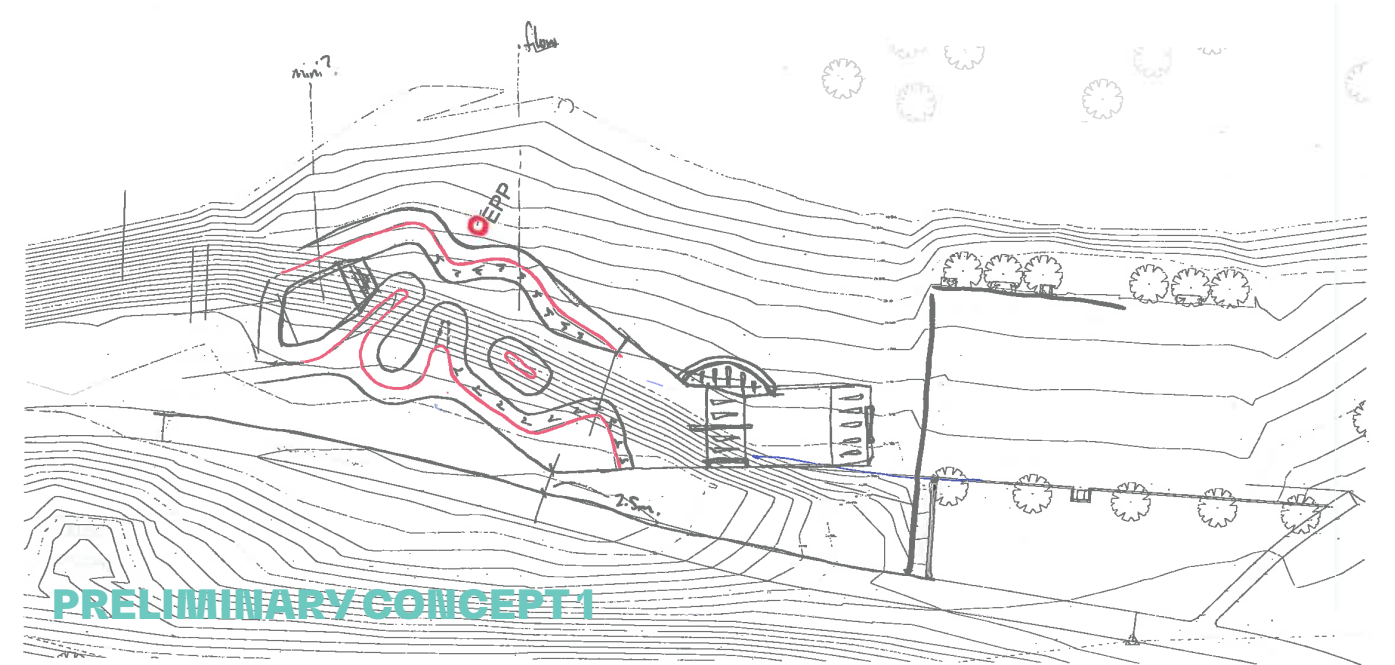
INCORPORATING SKATE FUNCTIONS



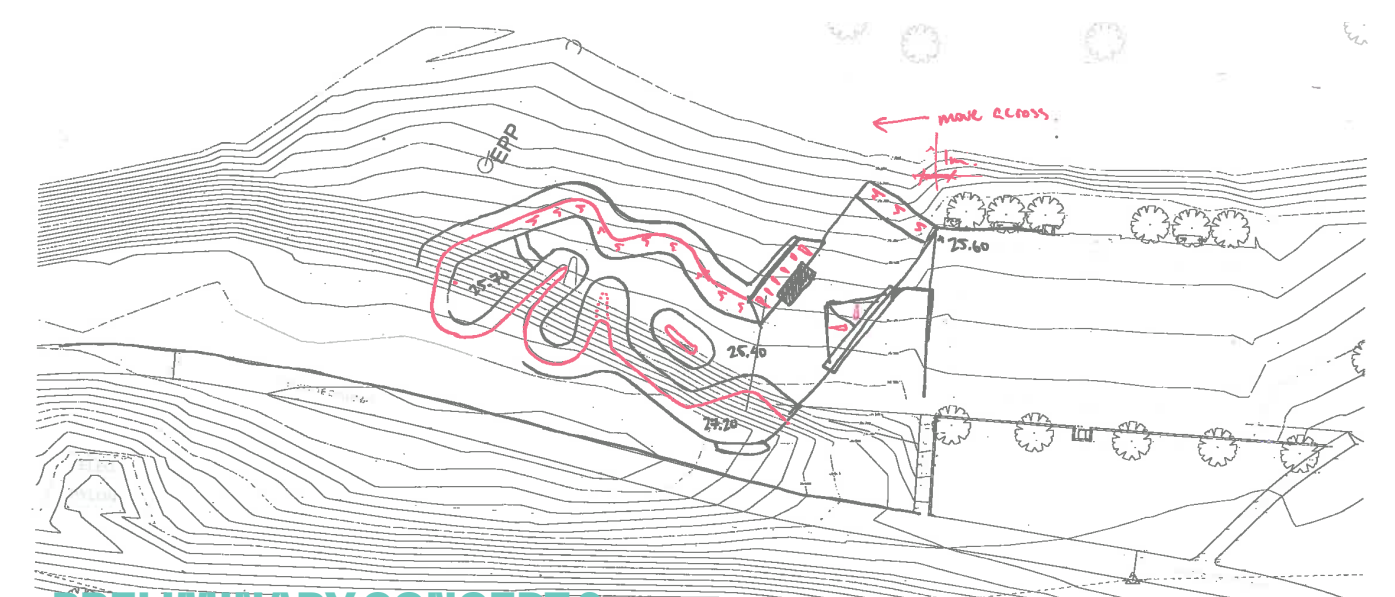
PLAYING WITH LEVELS



PERSPECTIVE SKETCHES

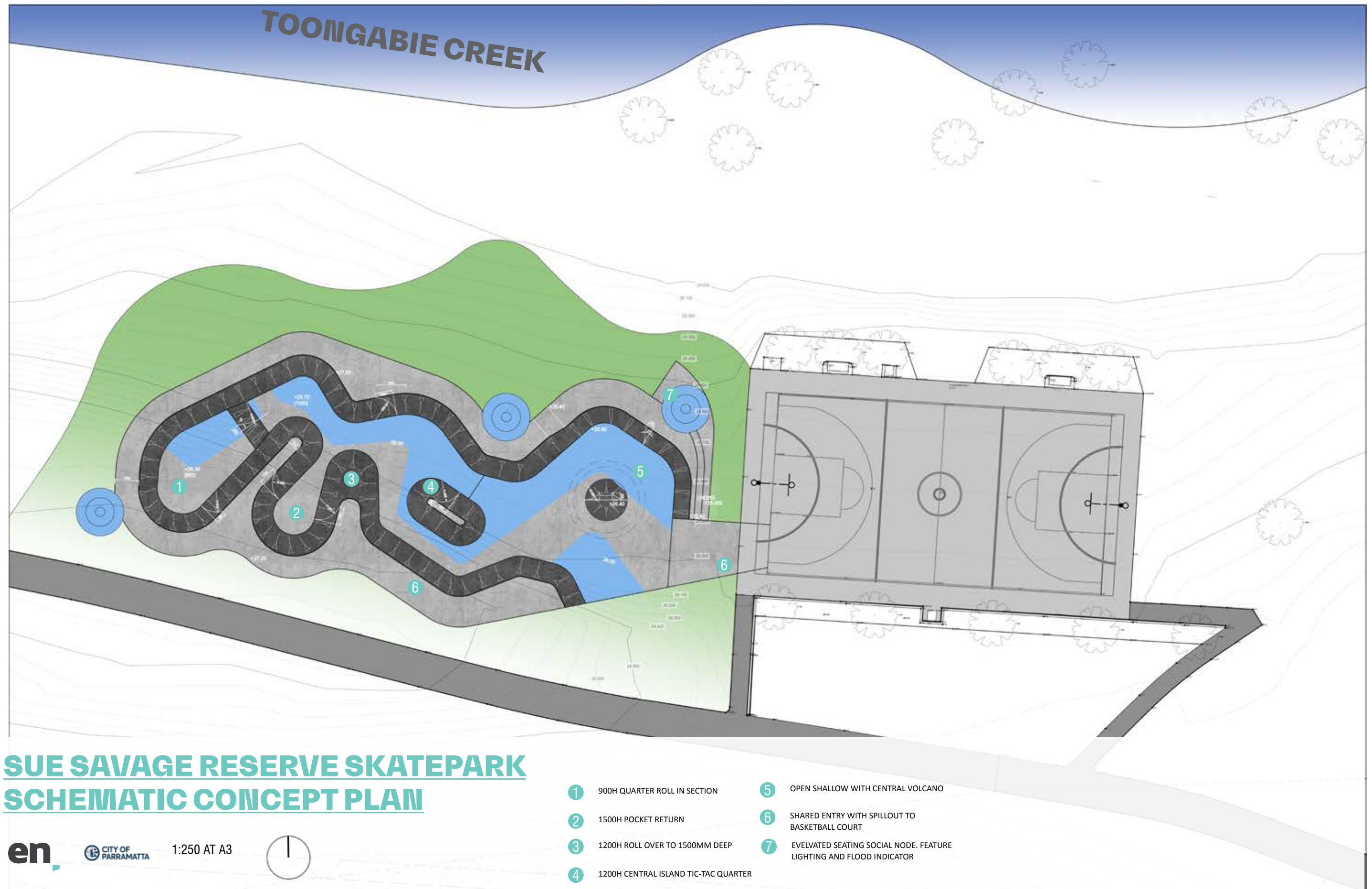


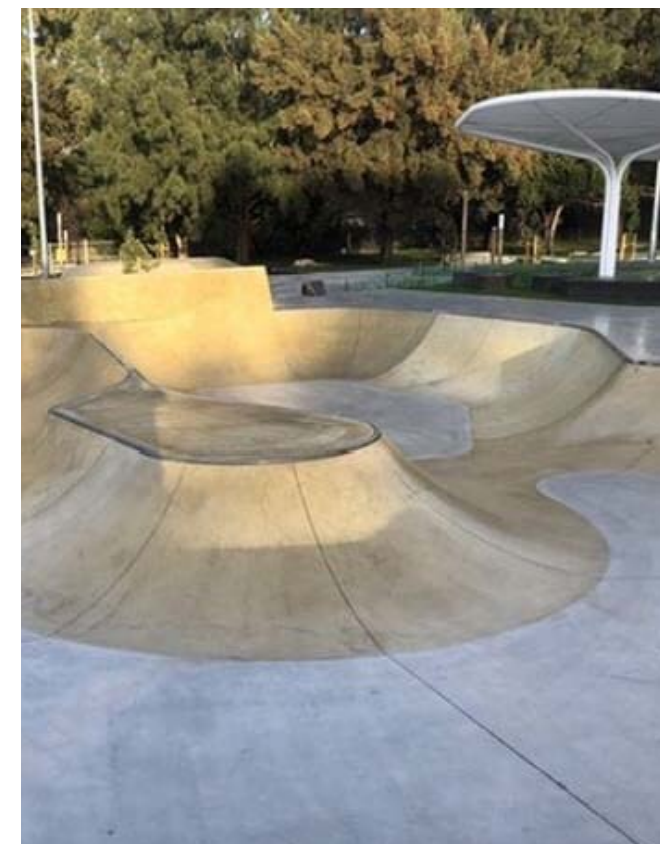
PRELIMINARY CONCEPT 1



PRELIMINARY CONCEPT 2

SCHEMATIC CONCEPT PLAN





CONCEPT PLAN



SUE SAVAGE RESERVE SKATEPARK CONCEPT PLAN REV B

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1:200 AT A3



- | | | | |
|---|---|---|---------------------------------|
| 1 900H QUARTERPIPE | 6 1500H MELLOW QUARTERPIPE POCKET WITH 500H BOX | 11 1200H FLATBANK HIP | 16 GABION RETAINING WALL |
| 2 450H VARIABLE PROFILE MOGUL | 7 1500H QUARTERPIPE HIP | 12 600H QUARTERPIPE | 17 PROPOSED GARDEN BED |
| 3 1500 TO 2100H CANTILEVERED BANK EXTENSION | 8 1000H MOGUL / SPINE BLEND | 13 600H MOGUL | 18 EXISTING PEDESTRIAN FOOTPATH |
| 4 600H WATERFALL | 9 1500H ROLL-IN | 14 450H FLATBANK HIP | 19 EXISTING BASKETBALL COURT |
| 5 900 TO 1500H QUARTERPIPE | 10 1200H TIGHT STREET SPINE | 15 COMMUNAL SEATING WITH FEATURE LIGHTING | 20 VARIABLE PROFILE PUMP MOGUL |







CITY OF PARRAMATTA
SUE SAVAGE SKATEPARK
ESTIMATE OF PROBABLE COSTS
Prepared by Enlocus PTY LTD

Note : This estimate is based on currently industry prices. Skatepark construction is a specialised trade and costs are prone to fluctuation. Enlocus have based the skatepark costs on recently tendered projects. This is an estimate of probable costs only, all components of which are subject to escalation in construction, labour and material costs.

All prices and rates are exclusive of GST

1 PRELIMINARIES //						
	Item	Description	Unit	Qty**	Rate (ex GST)	Total (ex GST)
1.1	Site - Preliminaries	Including but not limited to: onsite management and supervision, site amenities, site inspection, insurances, surveying and setting out of works, temporary fencing, and temporary power. Includes set out and service location. Approx 5% of capital works	No.	1	\$ 32,000.00	\$ 32,000
1.2	Intergrated Management System	Allow for the preparation of an Intergrated Management System including Quality Assurance, Environmental Management, OHS and Traffic Management (as required). Develop and maintain a documented Quality Assurance System specific to the project and in accordance with the contract specifications. Maintain and obtain approval of project specific Environmental Management Plan (EMP) to manage the environmental effects of the works.	No.	1	INCL.	

1 PRELIMINARIES // \$ 32,000.00

2 DEMOLITION //							
	Item	Description	Unit	Qty**	Rate (ex GST)		Total (ex GST)
2.1	Demolition - General	Remove all items as specified on plans and stockpile/recycle to Superintendent approved location.	note				
2.2	Clearing and Grubbing	Removal of surface vegetation material (stock pile topsoil)	m2	1437	\$	4.50 \$	6,466.50

2 DEMOLITION // \$ 6,466.50

3 EARTHWORKS //							
	Item	Description	Unit	Qty**	Rate (ex GST)		Total (ex GST)
3.1	Earthworks - General	Including grading & trimming, sub-grade preparation to specified depths & compaction to achieve design levels.	note				
3.2	Excavation	Excavate to proposed levels. Strip soil free of debris and stockpile for future earthworks.	m3	350	\$	40.00	\$ 14,000.00
3.3	Shaped Earthworks - Imported Fill	Volume of clean fill imported to site. Price includes transportation.	m3	66	\$	90.00	\$ 5,940.00

3 EARTHWORKS // \$ 19,940.00

5 SKATEPARK CONCRETE WORKS //							
Item		Description	Unit	Qty**	Rate (ex GST)		Total (ex GST)
5.1	RC concrete works - General	Perform all works as necessary to construct concrete skate elements including all preparation, formwork, supply, plant, labour, placement, reinforcement, vibration, finishing off and joint work of all concrete works (including footings) as shown and detailed in drawings, class 1 'burnished' finish as specified.	note				
5.2	RC skatepark concrete slab - Reinforcing Steel	SL82 placed at top w/50mm CLR	m2	643	\$	90.00	\$ 57,870.00
5.3	RC Skatepark concrete slab - Concrete	100mm THK 32MPa Portland grey reinforced concrete surface. Steel float Class1 finish. Apply Avista concrete sealer primer & avista concrete sealer general purpose"Matt" finish x2 coats as per manufacturer's specification or approved equivalent. Contractor to apply surface harder to 2mx2m test pnel for approval by superintendent prior to proceeding with works.	m2	591	\$	210.00	\$ 124,110.00
5.4	RC Skatepark Ramped Slab - Concrete	100mm THK 32MPa Portland grey reinforced concrete	m2	52	\$	220.00	\$ 11,440.00

5.6	RC Skatepark elements - Formwork	Formwork Class 1 to sides of flat banks, transitions and blocks	m2	311	\$	130.00	\$ 40,430.00
5.7	RC Skatepark elements - Reinforcing steel	N12 steel reinforcement 200mm EW in banks and transitions and SL82 w/30mm CLR	m2	311	\$	110.00	\$ 34,210.00
5.8	RC Skatepark elements - Concrete	150mm THK 32MPa transitions/flat banks Portland grey concrete on 50mm compacted FCR Class 2 bedding and damp proof membrane.	m2	311	\$	365.00	\$ 113,515.00
5.10	RC Skatepark elements - Finishes	Steel trowelled burnished surface finish apply Parchem Lustreseal Extended Wear matt concrete sealant to all surfaces as per manufacturers specifications.	m2	311	\$	100.00	\$ 31,100.00
5.11	RC Skatepark Blocks - Ledges and Skate Walls concrete	RC Concrete Block 32MPa Portland Grey concrete on 50mm compacted FCR Class 2 bedding.	lm	13.9	\$	440.00	\$ 6,116.00
5.12	Paint - Concrete Paint	Outdoor compatible concrete paint as specified	m2	275	\$	170.00	\$ 46,750.00

5 SKATEPARK CONCRETE WORKS // \$ 523,411.00

6 STEEL WORKS //							
Item		Description	Unit	Qty**	Rate		Total
					(ex GST)		(ex GST)
6.1	Steel - 50NB CHS coping	50NB CHS coping galvanised to all transitions as nominated. Costs to include supply, fabrication and installation. All onsite welds to be sprayed with 'Galmet' or approved equivalent to match steel.	lm	88	\$	98.00	\$ 8,624.00
6.2	Steel - 125x75 RHS coping	125x75 RHS coping galvanised, where shown and fixed as per detail. Costs to include supply, fabrication and installations.	lm	11.5	\$	115.00	\$ 1,322.50

6 STEEL WORKS // \$ 9,946.50

7 BESPOKE SEATING //							
Item		Description	Unit	Qty	Rate (ex GST)		Total (ex GST)
7.1	Seat - Steel sheeting	Steel seat sheeting - 5mm thk lasercut M/S plate, galv. and powdercoated as specified.	m2	83	\$	500.00	\$ 41,500.00
7.3	Seat - Internal frame		PSUM	1	\$	5,000.00	\$ 5,000.00

7 BESPOKE SEATING // \$ 46,500.00

8 LIGHTING AND ELECTRICAL //							
Item		Description	Unit	Qty	Rate		Total
					(ex GST)		(ex GST)
8.1	Seat - Linear Luminaire	Linear LED tape supplied by Enttec Lighting. Price to include cast in / screw in mounting frame, strip lighting and diffuser. Refer to Manufacturer's specification.	lm	140	\$	320.00	\$ 44,800.00

8 LIGHTING AND ELECTRICAL // \$ 44,800.00

9 LANDSCAPE WORKS //							
Item		Description	Unit	Qty	Rate (ex GST)		Total (ex GST)
9.1	Garden bed mulch	150mm depth of tree mulch bed or mulch to match existing.	m2	429	\$	8.63	\$ 3,700.13
9.2	Trees	45 litre native shade trees including preperation, instalation and staking.	No.	13	\$	180.00	\$ 2,340.00
9.3	Planting area	Planting Beds - per m2 including 150mm topsoil, 75mm mulch and supply and install of nominated drought tolerant plant species.	m2	330	\$	42.50	\$ 14,025.00
9.4	Gabion Retaining wall			82	\$	260.00	\$ 21,320.00

9 LANDSCAPE WORKS // \$ 41,385.13

SUMMARY OF SUE SAVAGE SKATEPARK			
1 PRELIMINARIES //	\$		32,000.00
2 DEMOLITION //	\$		6,466.50
3 EARTHWORKS //	\$		19,940.00
5 SKATEPARK CONCRETE WORKS //	\$		523,411.00
6 STEEL WORKS //	\$		9,946.50
7 BESPOKE SEATING //	\$		46,500.00
8 LIGHTING AND ELECTRICAL //	\$		44,800.00
9 LANDSCAPE WORKS //	\$		41,385.13

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