



**BANKSTOWN NORTH PUBLIC SCHOOL**

**SITE**  
322 Hume Hwy, Bankstown NSW

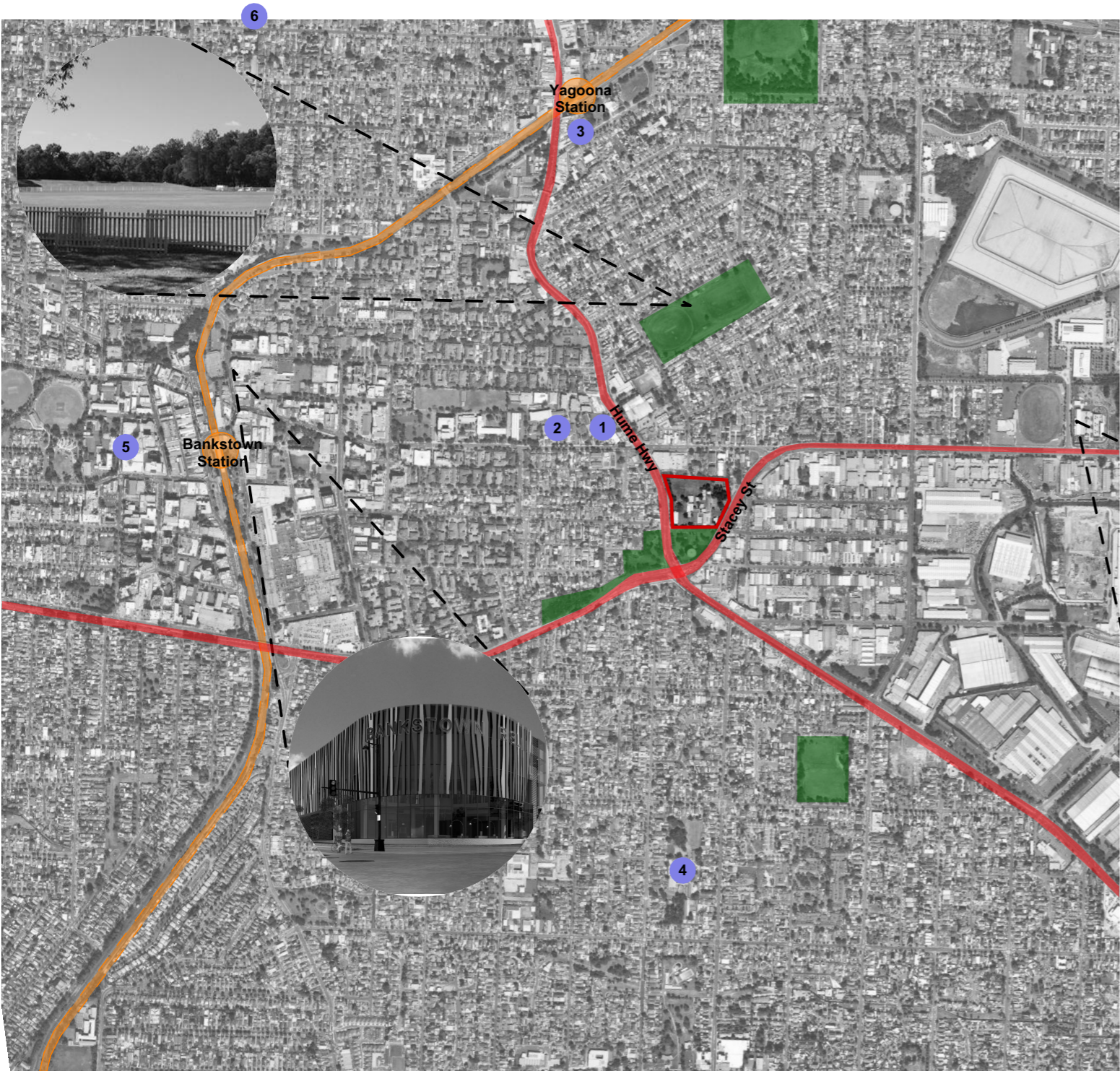
**CLIENT**  
School Infrastructure NSW

**PROJECT NO.**  
1082

**PROJECT BRIEF**

- 1.CONSTRUCTION OF 30 NEW PERMANENT HOMEBASES (INCLUDING 4 DISABILITY SUPPORT UNIT HOMEBASES)
- 2.REFURBISHMENT OF 6 EXISTING HOMEBASES (BLOCK B & I)
- 3.CONSTRUCTION OF NEW STAFF & ADMINISTRATION FACILITIES, NEW LIBRARY & SPECIAL PROGRAMS, NEW CANTEEN & COLA.
- 4. EXTENSION OF THE EXISTING HALL
- 5. NEW CARPARK
- 6. DEMOLITION OF BLOCKS A, C, D, K AND EXISTING DEMOUNTABLES
- 7. UPGRADE TO CORE 28 AMENITIES



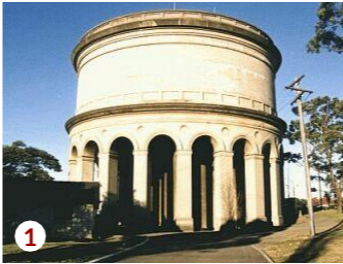
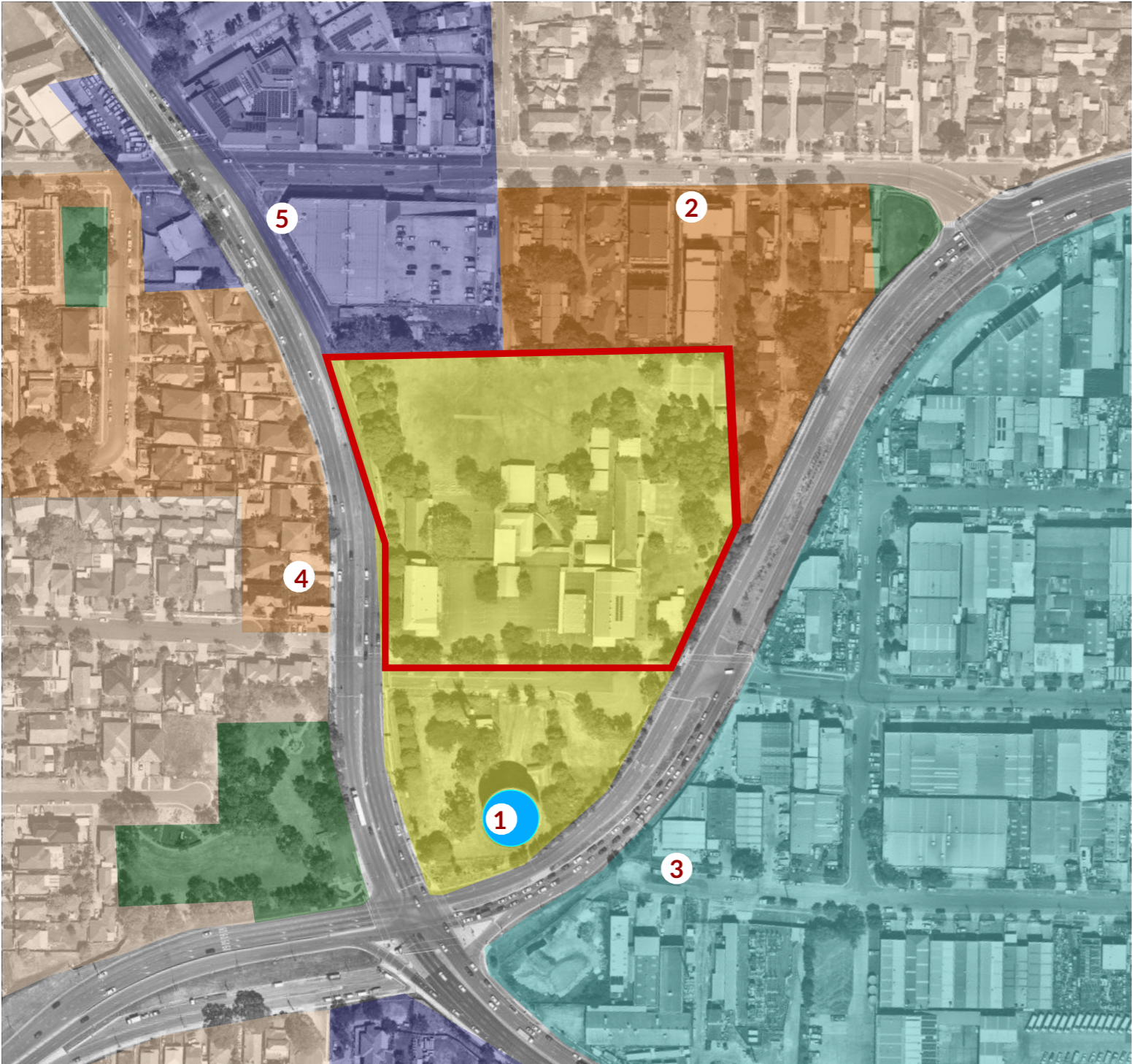


REGIONAL CONTEXT

The subject site is located in the suburb of Bankstown to the north of Hume Highway, south of Stacey Street, and to the west of Beresford Avenue. Surrounding area is mostly residential and industrial with a diminutive commercial hub. The site is located approximately 1.8km north of the Bankstown train station or 1.7km east of the Yagoona station.

The site also has a frontage to the heritage listed 'Bankstown Elevated Reservoir' to the east. Bankstown North Public School falls within the Bankstown Primary Cluster, which includes 7 schools: Bankstown North PS, Bankstown PS, Bankstown South PS, Bankstown West PS, Condell Park PS, Wattawa Heights PS and Yagoona PS (4 of them visible on the map).

- The subject site is located in the suburb of Bankstown to the north of Hume Highway, south of Stacey Street, and to the west of Beresford Avenue.
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- Main arterial roads include Stacey Street, Fairford Road & Hume Highway
- Site in vicinity of numerous reserves and parks. Within close proximity of Bankstown Reservoir and Apex Reserve
- Numerous educational facilities in the surrounding areas including: St Felix Catholic School (1), LaSalle Catholic College (2), Al Sadiq College (3), Greenacre Public School (4), Bankstown Public School (5), Bankstown West Public School (6)



SURROUNDING ELEMENTS

- 1. Bankstown Elevated Reservoir
- 2. High Density Residential buildings neighbouring with Bankstown North Public School
- 3. View towards Greenacre industrial zone next to Bankstown Elevated Reservoir
- 4. Medium Density Residential Area
- 5. Comercial buildings neighbouring with Bankstown North Public School

HERITAGE

1. Bankstown North Public School is adjacent to a **Local and State Heritage Item** Bankstown Reservoir. Established in 1920, the reservoir serves a large area of South-West Sydney. The following are notes extracted from the statement of significance:

- "It is the oldest elevated reservoir constructed in reinforced concrete that is still in use."
- "At the time of its construction it was the largest elevated reinforced concrete reservoir, and symbolised the technological advancements of the time."
- "It displays decorative and formal architectural qualities and shows a high level of workmanship and technical accomplishment."
- "It is currently still in active service and makes a positive contribution to the streetscape of Bankstown."

- Bankstown North Public School
- Infrastructure
- Industrial Area
- Parks & Public Recreation
- Enterprise Corridor / Business Development / Neighbourhood Centre
- Low Density Residential Area
- Medium Density Residential Area
- High Density Residential Area
- Heritage - Bankstown Elevated Reservoir

CD04 EDUCATIONAL DESIGN PRINCIPLES



**COLLABORATIVE LEARNING**  
*Visual connections to shared spaces*

E.D.P.

NEEDS OF THE LEARNERS & LEARNING



**DIVERSE LEARNING SPACES**  
*Identifying effective learning environments*

E.D.P.

CONTEMPORARY & SUSTAINABLE



**COMMUNITY ENGAGEMENT**  
*Through shared spaces and programmes*

E.D.P.

COMMUNITY AND LEARNING



**EXTERNAL CONECTIONS**  
*Visual and physical connections to stimulate further learning*

E.D.P.

AESTHETICALLY PLEASING



**BUILDING AS A TEACHING TOOL**  
*Reinforcing lessons beyond classrooms*

E.D.P.

CONTEMPORARY & SUSTAINABLE



**FLEXIBILITY**  
*Enabling different educational approaches and changes*

E.D.P.

RECONFIGURABILITY INTO THE FUTURE



**FUTURE ADAPTABILITY**  
*Potential future adaptability*

E.D.P.

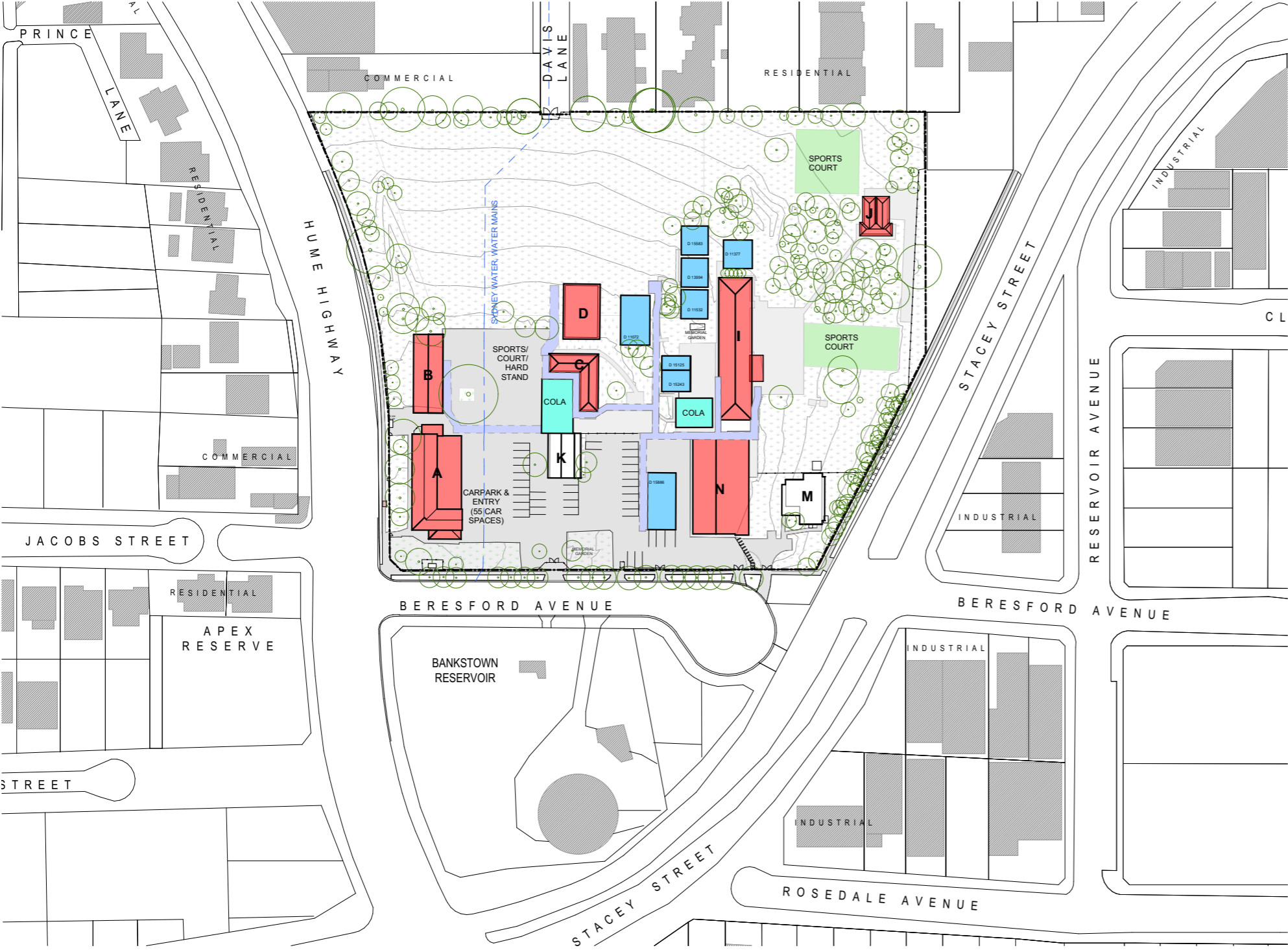
RECONFIGURABILITY INTO THE FUTURE



## LEARNING OASIS

- PROMOTE A CROSS CONNECTION BETWEEN THE INDOOR AND OUTDOOR LEARNING AND ACTIVITY SPACES.
- ENHANCE THE INBETWEEN SPACES WITH THE USE OF GREEN SPACE CORRIDORS, WHILST INCORPORATING A SUSTAINABLE LEARNING ENVIRONMENT.
- ENCOURAGE THE NATURAL ENVIRONMENT OF THE PROTECTED TREES ON THE SITE TO PERCOLATE INTO THE CLASSROOMS ALLOWING FOR NATURAL LIGHT, SHADING AND CROSS VENTILATION.
- PROVIDE LEARNING OASIS INTERNALLY, SPACES WHERE STUDENTS CAN LEARN AND PLAY

CD06 EXISTING SITE PLAN



**ENROLMENTS:**

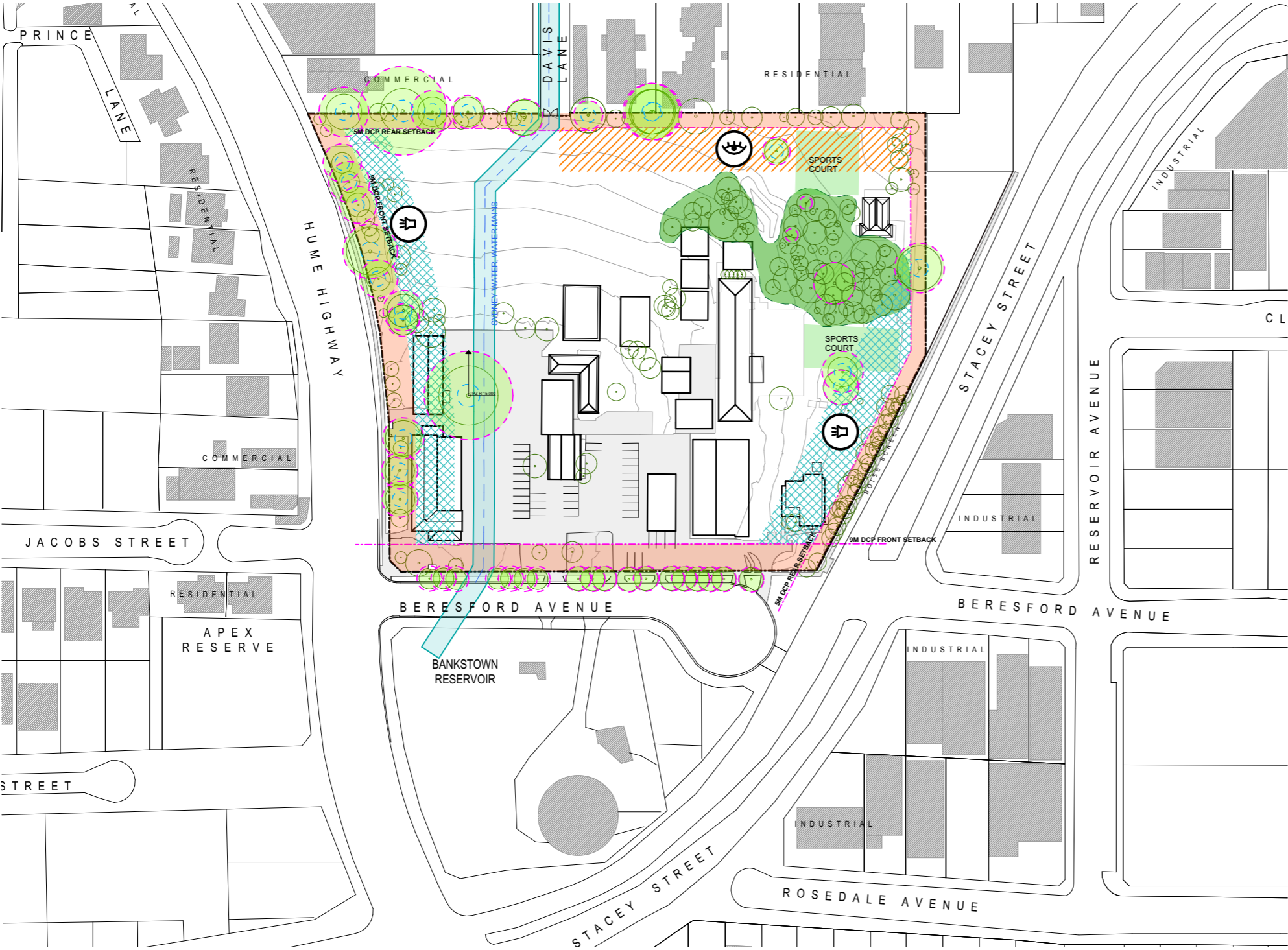
CURRENT ENROLMENTS :	367
FUTURE STUDENT ENROLMENT (2022):	725
NET NEW TEACHING SPACES:	30

**OUTDOOR PLAY SPACE (10sqm per student):**

REQUIRED OPEN SPACE:	8250m <sup>2</sup>
PROPOSED OPEN SPACE:	11,495m <sup>2</sup>
<b>TOTAL SITE AREA:</b>	<b>27.683m<sup>2</sup></b>

LEGEND	
	GENERAL SCHOOL BUILDINGS
	OTHER BUILDINGS (EXTERNAL USE)
	DEMOUNTABLES
	COLA (COVERED OUTDOOR LEARNING AREA)
	COVERED WALKWAYS
	EXISTING LANDSCAPING
	SPORTS FIELD
	GENERAL LANDSCAPE
	CONCRETE HARDSCAPE/CARPARK
	BOUNDARY
	FENCE

CD07 SITE CONSTRAINTS



KNOWN SITE CONSTRAINTS

The following constraints have been identified as part of this study:

CONSTRAINT	DETAIL
NOISE	NOISE POLLUTION FROM HUME HWY & STACEY ST
PRIVACY	NEIGHBOURING RESIDENTIAL DEVELOPMENT OVERLOOKING PLAYGROUND
TRAFFIC	INEFFICIENT KISS & DROP ZONE FOR GROWING ENROLMENTS
HEIGHT	9M
HERITAGE	SITE - ADJACENT TO A LOCAL AND STATE HERITAGE ITEM - BANKSTOWN RESEVOIR.
CONTAMINATION	TBC
EASEMENTS	SYDNEY WATER - WATER MAINS
TREES	SIGNIFICANT TREES IDENTIFIED ON SITE

SETBACKS AS PER BANKSTOWN COUNCIL DCP 2015

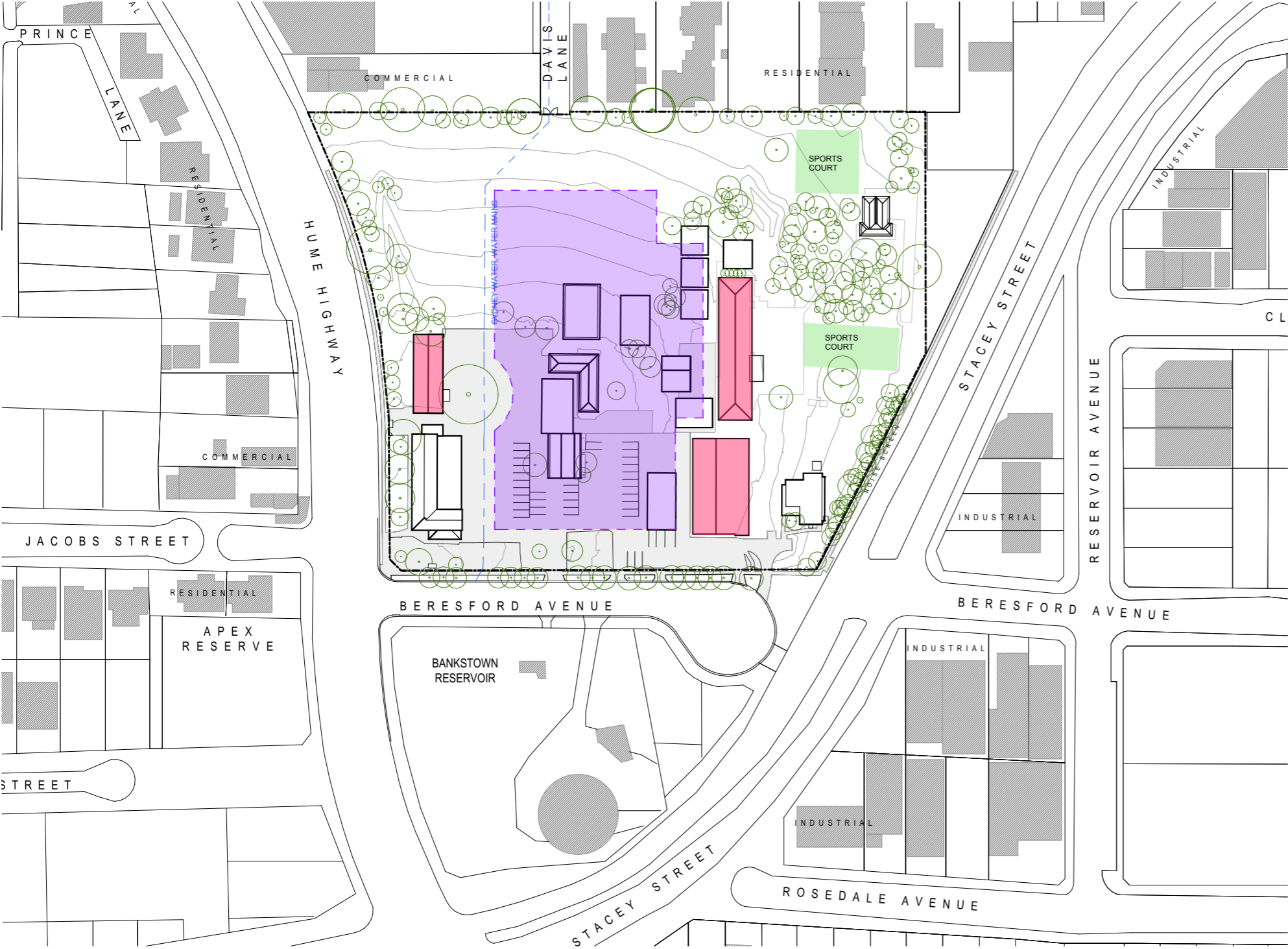
PRIMARY ROAD FRONTAGE HUME HIGHWAY & BERESFORD AVENUE	9M OR A DISTANCE EQUAL TO THE PROPOSED MAXIMUM BUILDING HEIGHT, WHICHEVER IS GREATER.
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SIDE AND REAR	5M
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LEGEND

	SYDNEY WATER WATER MAIN		EXISTING BUILDINGS
	DCP COUNCIL SETBACK		EXISTING TREES
	AREA AFFECTED BY NOISE		SIGNIFICANT TREE WITH TREE PROTECTION ZONE
	AREA AFFECTED BY OVERLOOKING		BOUNDARY
	BIODIVERSITY AREA		

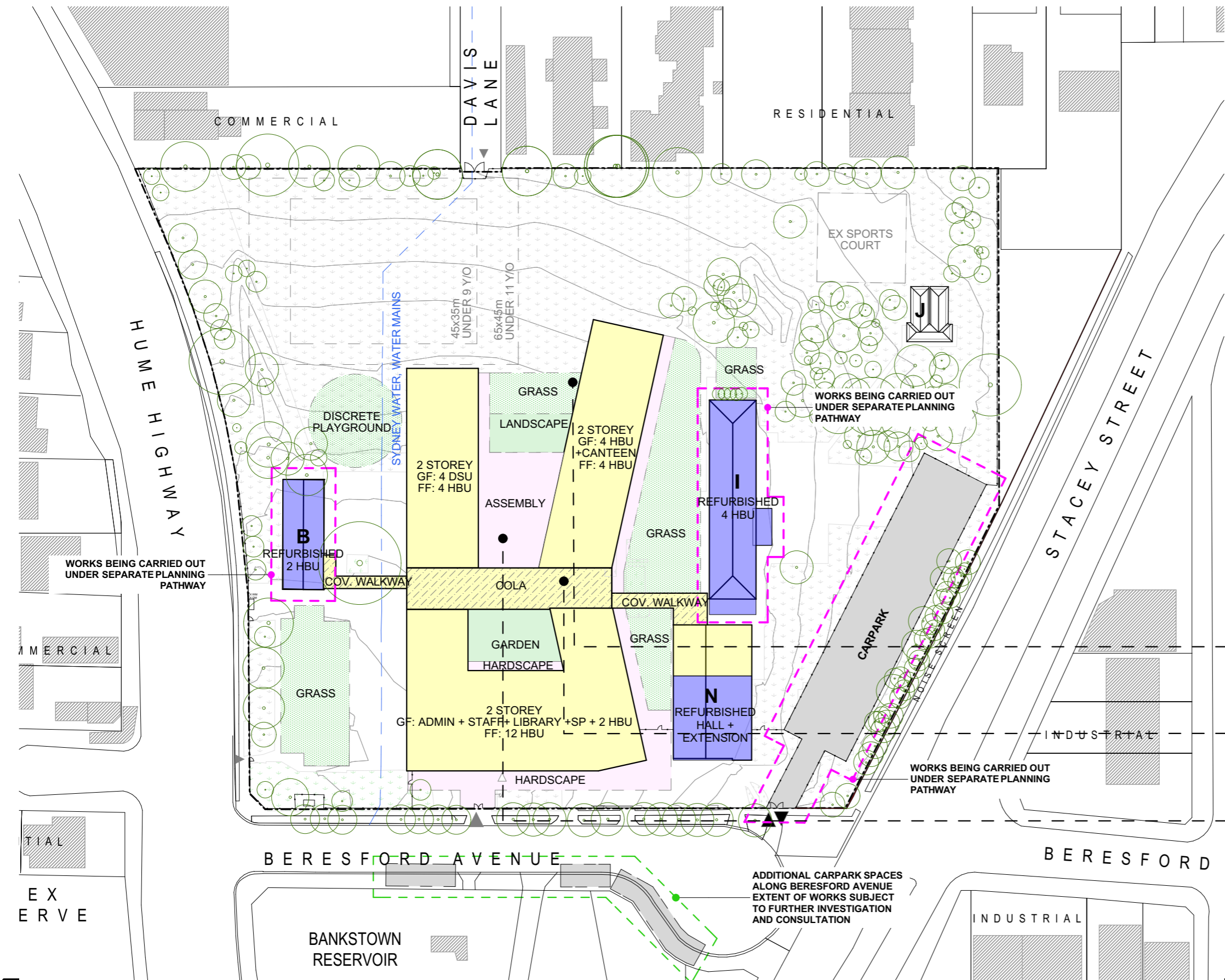
CD08    POTENTIAL BUILD ZONE



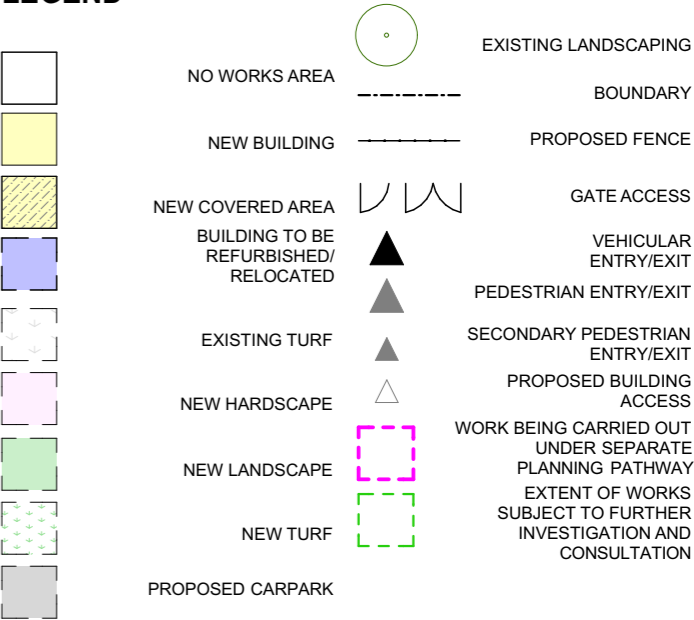
LEGEND

- |  |  |  |                       |
|--|--|--|-----------------------|
|  | EXISTING BUILDINGS                           |  | EXISTING SPORTS FIELD |
|  | POTENTIAL BUILD ZONE                         |  | EXISTING LANDSCAPING  |
|  | EXISTING HIGH VALUE BUILDINGS TO BE RETAINED |  | BOUNDARY              |

CD09 PROPOSED SITE PLAN



LEGEND



OPPORTUNITIES

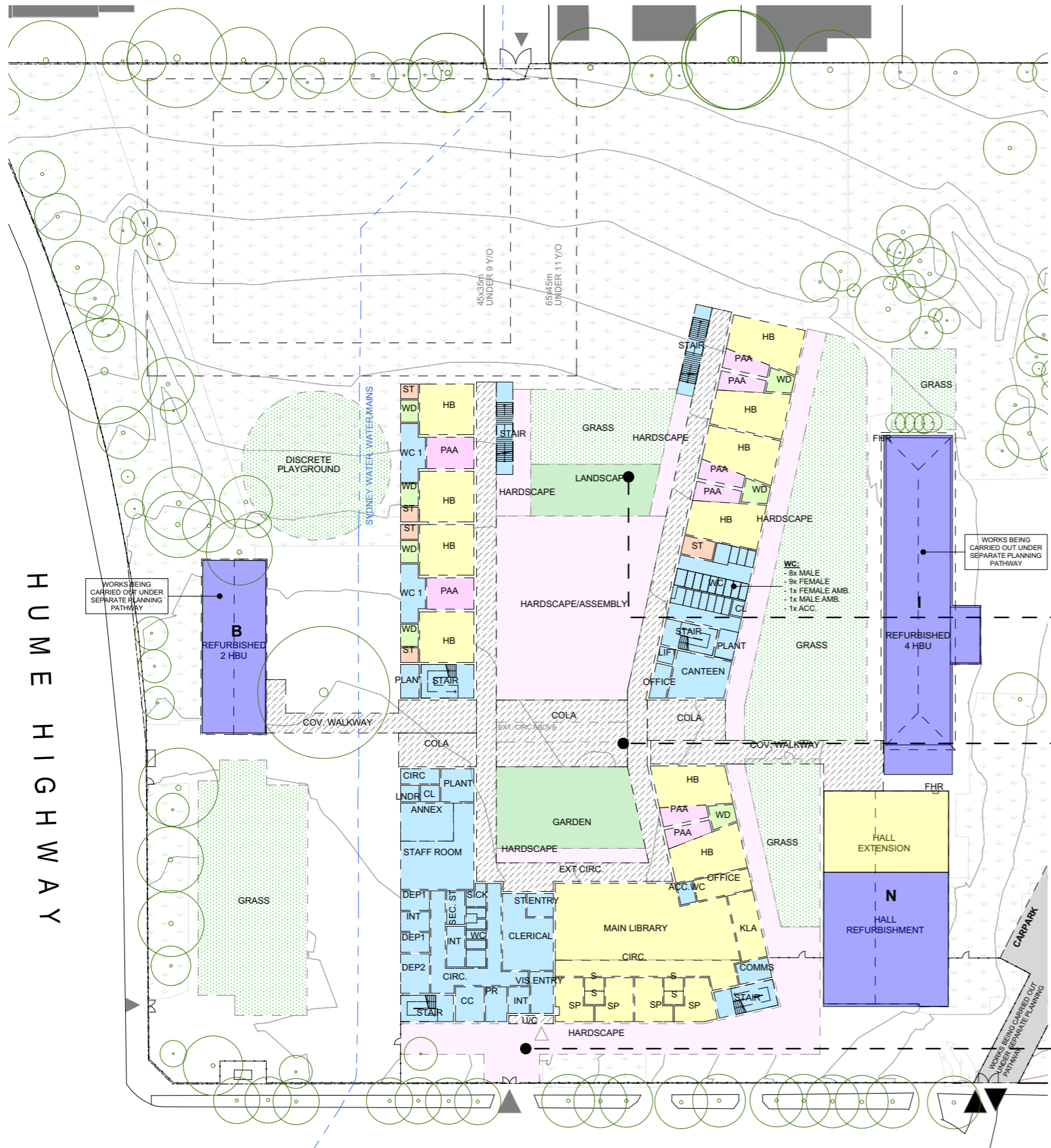
- IMPROVED STREET PRESENCE WITH WELCOMING ENTRY
- STRONG PUBLIC PRECINCT WITH ADMIN, LIBRARY, SPECIAL PROGRAMS, HALL & CARPARK ALONG BERESFORD AVENUE
- IMPROVED PASSIVE SURVEILLANCE TO THE PLAYSACE
- LARGE CENTRAL ASSEMBLY & COVERED OUTDOOR LEARNING AREA
- MAXIMISED SOLAR ACCESS BY ORIENTATING HOMEBASES NORTH-SOUTH & TAKING ADVANTAGE OF THE SHADE IN THE ASSEMBLY & GARDEN AREA
- IMPROVED STAFF & STUDENTS SAFETY AROUND VEHICLE CIRCULATION AND CARPARK
- BETTER UTILIZATION OF BERESFORD AVENUE FOR VEHICLE CIRCULATION AND PARKING

CONSTRAINTS

- TREE REMOVAL IN THE PROPOSED CARPARK AREA SUBJECT TO ARBORIST ADVICE & DEVELOPMENT APPROVAL
- REDUCED AREA OF THE MAIN SPORTS FIELD
- RESTRICTION ON BUILDING COVERED WALKWAY OVER SYDNEY WATER EASEMENT TO BE INVESTIGATED IN CONSULTATION WITH SYDNEY WATER

- E.D.P.** PROMOTING CONNECTION TO GREEN SPACE & PLAYGROUND
- E.D.P.** CONNECTION TO THE EXISTING SCHOOL BUILDINGS
- E.D.P.** ESTABLISHING CENTRAL GATHERING SPACE

CD10 GROUND FLOOR PLAN



SHADED OUTDOOR LEARNING SPACES



INTERNAL COURTYARDS & PLAYGROUNDS

- E.D.P.** PROMOTING CONNECTION TO GREEN SPACE & PLAYGROUND
- E.D.P.** INCREASING UNDERCROFT & SHELTERED AREAS
- E.D.P.** FOSTER A WELCOMING CULTURE WHICH CELEBRATES THE SCHOOL AT THE HEART OF COMMUNITY

CONNECTING INDOOR CLASSROOMS TO UNDERCROFT SPACES AND OUTDOOR AREAS. PROMOTING PHYSICAL AND MENTAL WELL-BEING AND ACTIVE LIFESTYLES.

PROMOTING THE CONNECTION OF STUDENTS TO OUTSIDE SPACES & OUTDOOR LEARNING. INCREASE PASSIVE SURVEILLANCE OF PLAY AREAS

WELCOME AND SUPPORT PARENT AND STUDENT ACTIVITIES, WORKSHOPS AND AFTERHOURS SERVICES TO STRENGTHEN COMMUNITY TIES

CD11 FIRST FLOOR PLAN



INTEGRATED COLA



OPEN LEARNING SPACES

**E.D.P.** DESIGN TO FACILITATE SOLAR ACCESS

ORIENTING HOMEBASES NORTH-SOUTH TO MINIMISE GLARE AND MAXIMISE SOLAR ACCESS

**E.D.P.** FLEXIBLE SPACE ENCOURAGING TEAM TEACHING

CLASSROOMS ARE ALL OPEN AND COULD BE USE IN DIFFERENT PURPOSES AND ARRANGEMENT TO SUPPORT A VARIETY OF TEACHING & LEARNING ACTIVITIES.

**E.D.P.** RECONFIGURABILITY INTO THE FUTURE

FLEXIBLE AND CREATIVE USE OF SPACES THAT SUPPORT STUDENTS IN COLLABORATIVE LEARNING AND TEACHING. ENHANCING OWNERSHIP OF THE SPACES, FREEDOM OF ACCESS AND OPPORTUNITIES FOR LEARNING.

