

DESIGN INTENT
 The project will showcase how improved liveability through creative urban greening can coexist with sustainable use of water resources.

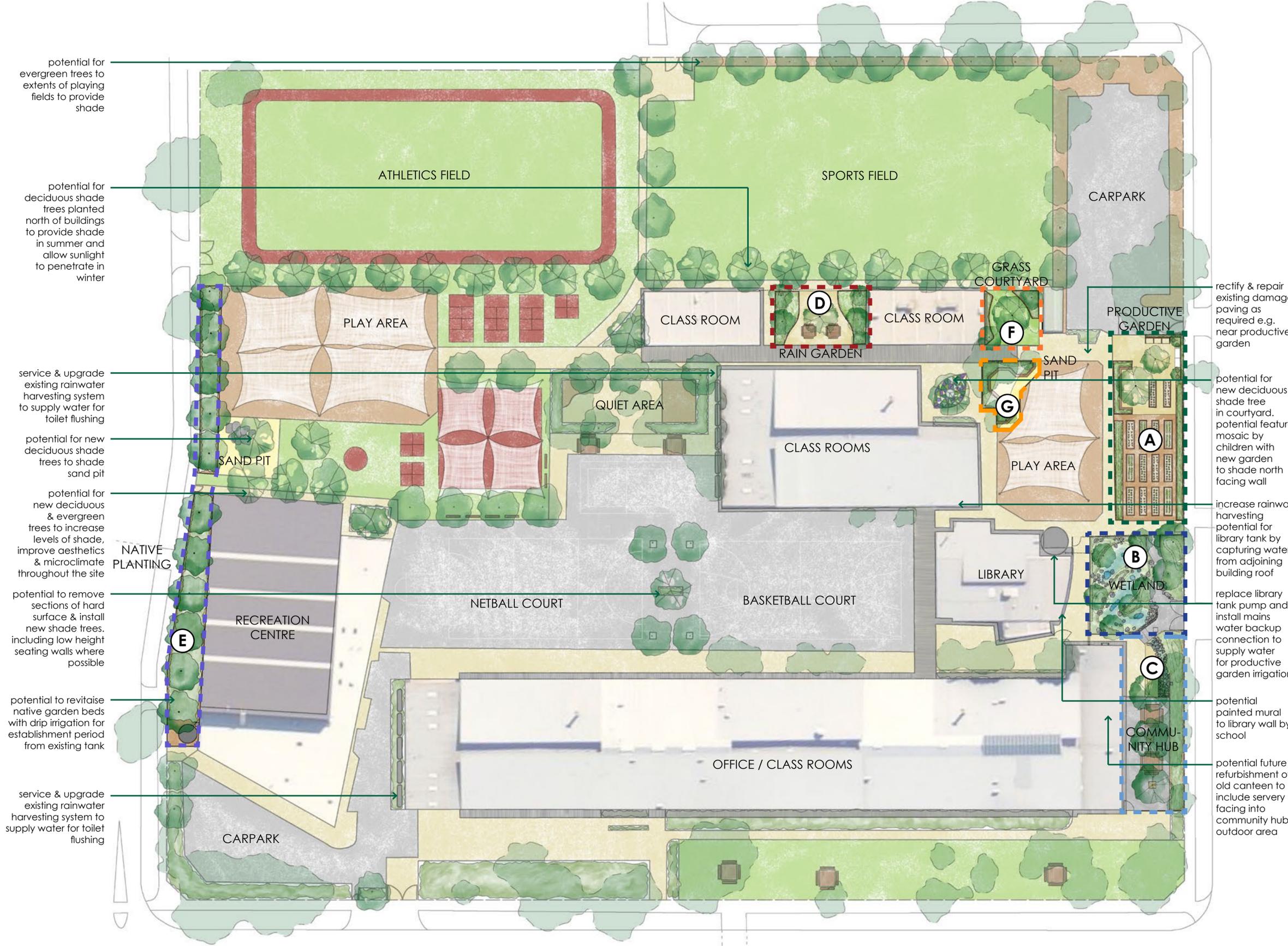
Through a whole-of-water-cycle approach, unused areas of concrete and asphalt will be transformed into interactive and engaging learning spaces for the students, staff and local community.

A series of inter-related landscape projects will demonstrate strategies for shading, local food production, enhanced biodiversity, reduced stormwater runoff and best practice water efficiency measures.

LEGEND

	concrete surface		turf
	rubber surface		shrubs
	mulch		deciduous trees
	paving & compacted gravel fines		evergreen trees
	sand pit		existing trees

- WORKS AREAS & FEATURES LEGEND**
- A. PRODUCTIVE GARDEN (SEE SHEET LC-02)**
- companion plants with perennial herbs
 - compost bays
 - deciduous shade trees
 - espaliered orchard trees
 - evergreen citrus trees
 - hydrozoned drip irrigation from existing tank
 - outdoor classroom seating area
 - passionfruit vines over fence
 - universally accessible garden beds
 - vegetable garden beds
 - worm farms
- B. WETLAND (SEE SHEET LC-03)**
- collect & treat stormwater run off from paving & overflow from tank
 - gabion feature seating walls
 - native wetland plantings
 - new feature entry area
 - remove and reduce fencing to improve aesthetic and sense of welcome
 - revitalised native garden beds
- C. COMMUNITY HUB (SEE SHEET LC-04)**
- deciduous shade trees
 - dry creek bed, flowing towards stormwater drain
 - new outdoor seating area with tables
 - reduce front fencing height
 - revitalised native garden beds
- D. RAIN GARDEN (SEE SHEET LC-05)**
- central deciduous shade tree
 - drought tolerant native plants
 - evergreen wetland trees to shade buildings
 - native wetland plantings
 - rain garden to collect & treat stormwater from classroom roof
- E. NATIVE PLANTING (SEE SHEET LC-06)**
- drip irrigation to establish native plants from existing tank
 - evergreen trees to shade building
 - revitalised native garden beds
- F. GRASSED COURTYARD (SEE SHEET LC-07)**
- deciduous shade trees
 - drought tolerant native plants
 - evergreen shade trees
 - grassy mounds for informal gathering
- G. SAND PIT PLAY AREA (SEE SHEET LC-07)**
- new sand pit play area
 - revitalised native garden beds



potential for evergreen trees to extents of playing fields to provide shade

potential for deciduous shade trees planted north of buildings to provide shade in summer and allow sunlight to penetrate in winter

service & upgrade existing rainwater harvesting system to supply water for toilet flushing

potential for new deciduous shade trees to shade sand pit

potential for new deciduous & evergreen trees to increase levels of shade, improve aesthetics & microclimate throughout the site

potential to remove sections of hard surface & install new shade trees, including low height seating walls where possible

potential to revitalise native garden beds with drip irrigation for establishment period from existing tank

service & upgrade existing rainwater harvesting system to supply water for toilet flushing

rectify & repair existing damaged paving as required e.g. near productive garden

potential for new deciduous shade tree in courtyard. potential feature mosaic by children with new garden to shade north facing wall

increase rainwater harvesting potential for library tank by capturing water from adjoining building roof

replace library tank pump and install mains water backup connection to supply water for productive garden irrigation

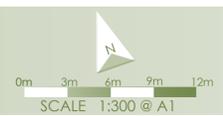
potential painted mural to library wall by school

potential future refurbishment of old canteen to include servery facing into community hub outdoor area



DEER PARK NORTH PRIMARY SCHOOL
SCHOOL AS A CATCHMENT MASTER PLAN

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