VEGETATION, WATER & ENERGY

VEGETATION MANAGEMENT

- Protection of vegetation of state significance.
- Include planting of trees grown from seed collected from Yellow Gums of State significance in Grace Park.
- Create a habitat corridor for native wildlife along edge of train line and LE Bray Reserve.
- Future planting in Grace Park to be exotic species to match the existing exotic character of the park.
- Future planting in the Glenferrie Oval surrounds and the Linda Crescent Car Park to be native to complement the existing native planting in this area.
- Continue to strengthen street tree planting in Charles Street, Hilda Crescent and Linda Crescent. New street trees to match existing tree species in these streets.

TREE REMOVALS

The Concept Master Plan has endeavoured to retain as many existing trees as possible. Some trees will however need to be removed to make the improvements proposed by the plan. All trees in the study area were independently given a retention value to reflect their size, health, structure and condition. The trees proposed for removal and their retention values are outlined below.

Retention Value	Total to be removed
Very High	0
High	7
Medium	11
Low	8
None	87
Total	***113***

The Concept Master Plan proposes planting of approximately 100 new trees to offset these tree removals, as well as planting of many additional shrubs and ground covers as part of the various landscape improvements proposed.

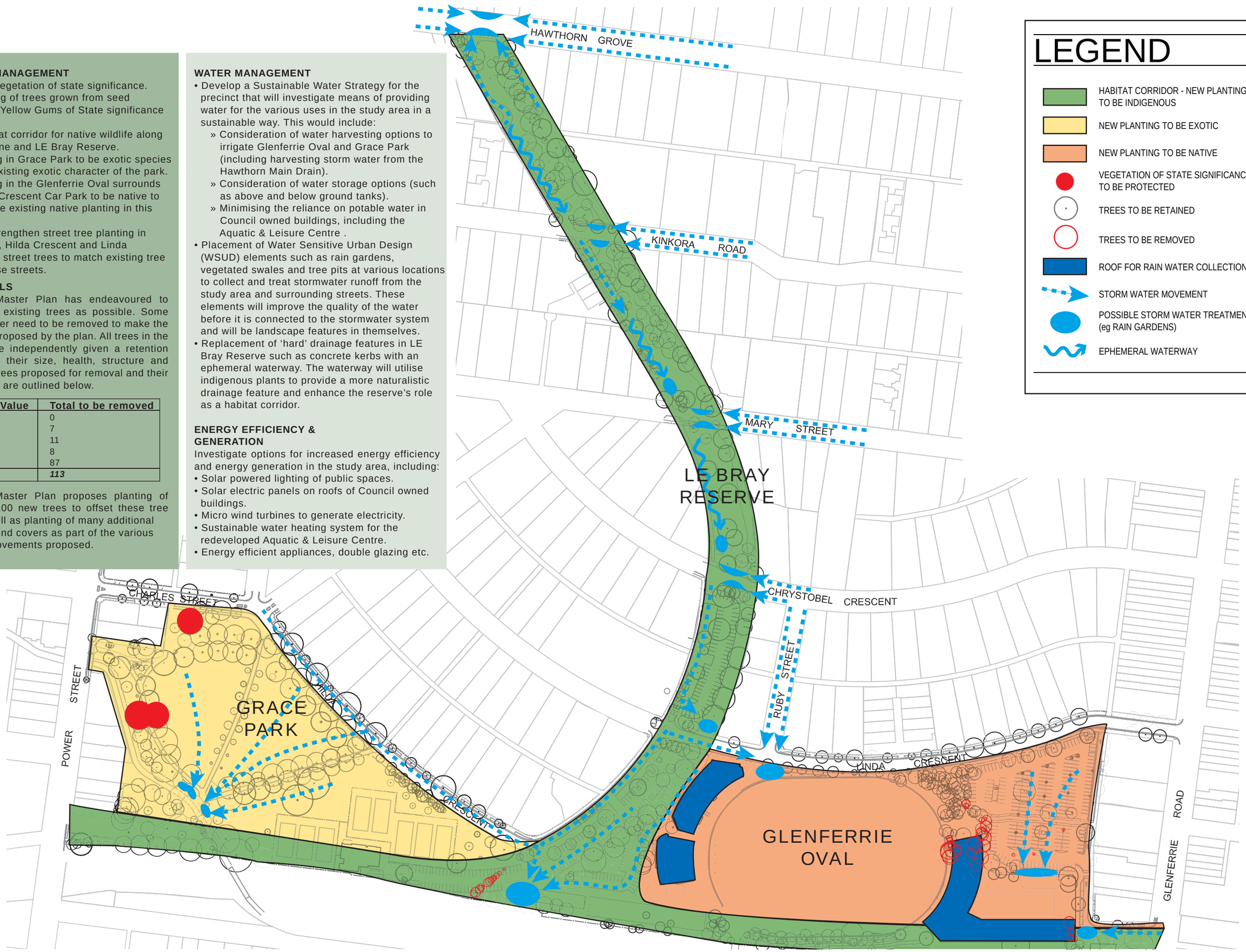
WATER MANAGEMENT

- Develop a Sustainable Water Strategy for the precinct that will investigate means of providing water for the various uses in the study area in a sustainable way. This would include:
  - » Consideration of water harvesting options to irrigate Glenferrie Oval and Grace Park (including harvesting storm water from the Hawthorn Main Drain).
  - » Consideration of water storage options (such as above and below ground tanks).
  - » Minimising the reliance on potable water in Council owned buildings, including the Aquatic & Leisure Centre .
- Placement of Water Sensitive Urban Design (WSUD) elements such as rain gardens, vegetated swales and tree pits at various locations to collect and treat stormwater runoff from the study area and surrounding streets. These elements will improve the quality of the water before it is connected to the stormwater system and will be landscape features in themselves.
- Replacement of 'hard' drainage features in LE Bray Reserve such as concrete kerbs with an ephemeral waterway. The waterway will utilise indigenous plants to provide a more naturalistic drainage feature and enhance the reserve's role as a habitat corridor.

ENERGY EFFICIENCY & GENERATION

Investigate options for increased energy efficiency and energy generation in the study area, including:

- Solar powered lighting of public spaces.
- Solar electric panels on roofs of Council owned buildings.
- Micro wind turbines to generate electricity.
- Sustainable water heating system for the redeveloped Aquatic & Leisure Centre.
- Energy efficient appliances, double glazing etc.



LEGEND

- HABITAT CORRIDOR - NEW PLANTING TO BE INDIGENOUS
- NEW PLANTING TO BE EXOTIC
- NEW PLANTING TO BE NATIVE
- VEGETATION OF STATE SIGNIFICANCE TO BE PROTECTED
- TREES TO BE RETAINED
- TREES TO BE REMOVED
- ROOF FOR RAIN WATER COLLECTION
- STORM WATER MOVEMENT
- POSSIBLE STORM WATER TREATMENT LOCATIONS (eg RAIN GARDENS)
- EPHEMERAL WATERWAY

BOROONDARA City of Harmony

N

REV : C
DATE : 31.07.2009
SCALE : 1:1250 @ A1
1:2500 @ A3

0 10 20 30 50m
Scale Bar

GLENFERRIE OVAL, GRACE PARK & LE BRAY RESERVE

CONCEPT MASTER PLAN