

DESIGN INTENT

The productive garden will provide hands-on opportunities for students, staff and local community to engage in organic food production in a dedicated and protected area for ease of management.

Key components include rotational vegetable beds for seasonal cropping, including dedicated beds for universal access, trellised fruit trees under planted with a diverse array of herbs, flowers and other companion species. Composting systems including bays, bin and worm farms for processing organic material and an outdoor teaching space for holding classes. Irrigation will be provided via a hydrozoned drip-line system fed from an existing rainwater tank, with mains water backup.

A. compost bays of one cubic meter, constructed from timber with optional roof



B. worm farms, retrofitted from degassed and recycled refrigerator



C. compost cones under fruit trees to improve soil & use excess green waste



D. passionfruit vines to grow along existing fence line



E. evergreen citrus trees. eg lemon, lime, orange, mandarin



F. raised garden beds for universal access, planted with seasonal vegetables



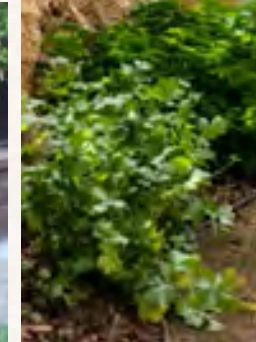
G. deciduous trees to provide shade



H. informal classroom bench seating & raised timber garden bed



I. perennial culinary & sensory herb plantings



J. espaliered fruit trees along trellis with companion plant understorey



K. companion plants to attract beneficial insects, deter pests & provide sensory experience



L. low height raised garden beds planted with seasonal vegetables



DEER PARK NORTH PRIMARY SCHOOL

PRODUCTIVE GARDEN

Project No. 1427 • DWG No. LC-02 • Issue Date May 2015 • Designed/Checked AB/HL/JB

SCALE 1:100 @ A3



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