

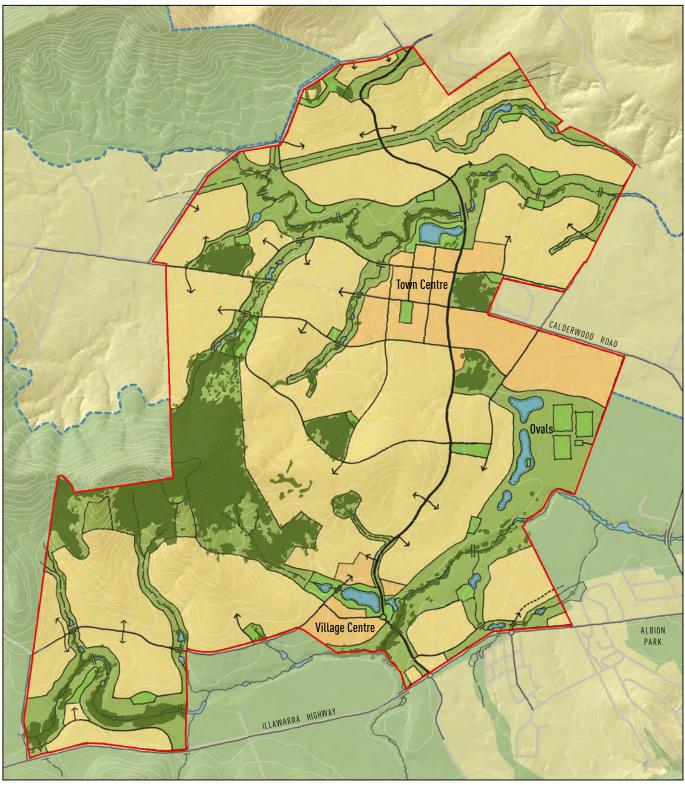


CALDERWOOD URBAN DEVELOPMENT PROJECT PREFERRED CONCEPT PLAN DRAWINGS

Concept Plan and State Significant Site Listing

Delfin Lend Lease

August 2010

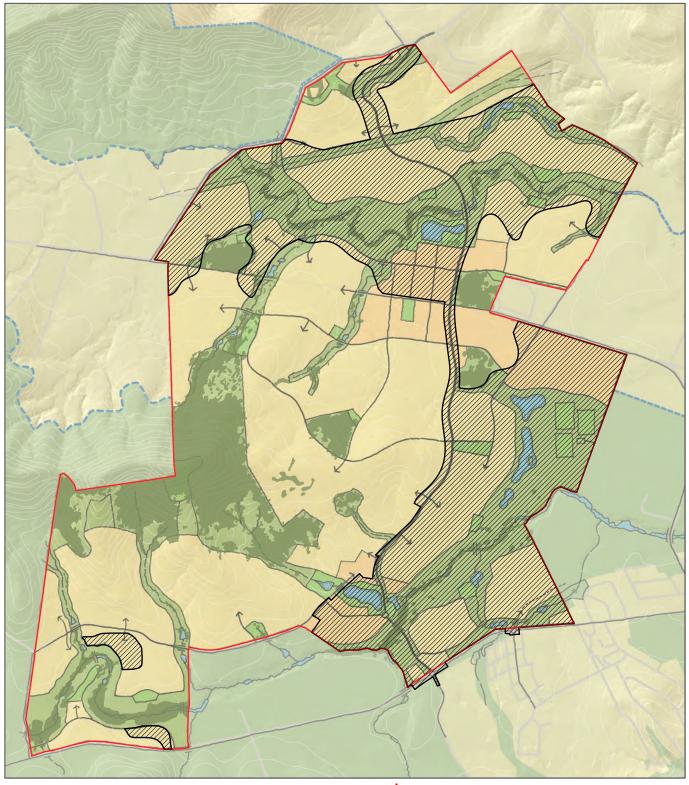


Concept Plan

Part 3A | Calderwood Urban Development Project





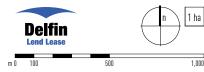


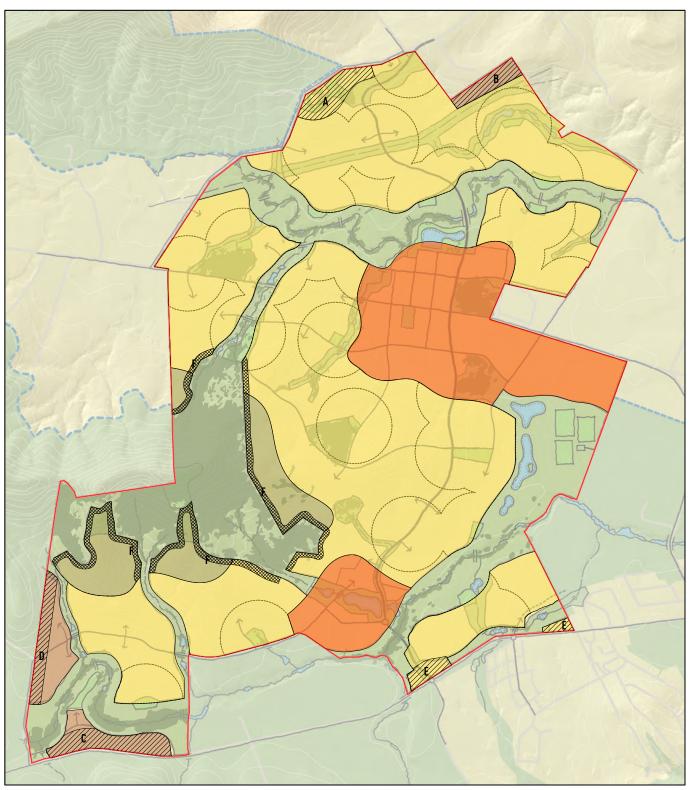
Part 3A Area

Part 3A | Calderwood Urban Development Project



Area Subject to Part 3A





Residential Character Areas

Part 3A | Calderwood Urban Development Project



General Residential
Residential scale and character

Country Residential
Residential character with decreased density

Bushland Edge
Responding to bushland interface

Special Character Overlay
Marshall Mount House

Special Character Overlay
Northern fringe

Special Character Overlay
Southern Gateway

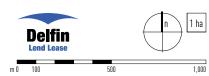
Special Character Overlay
Western fringe

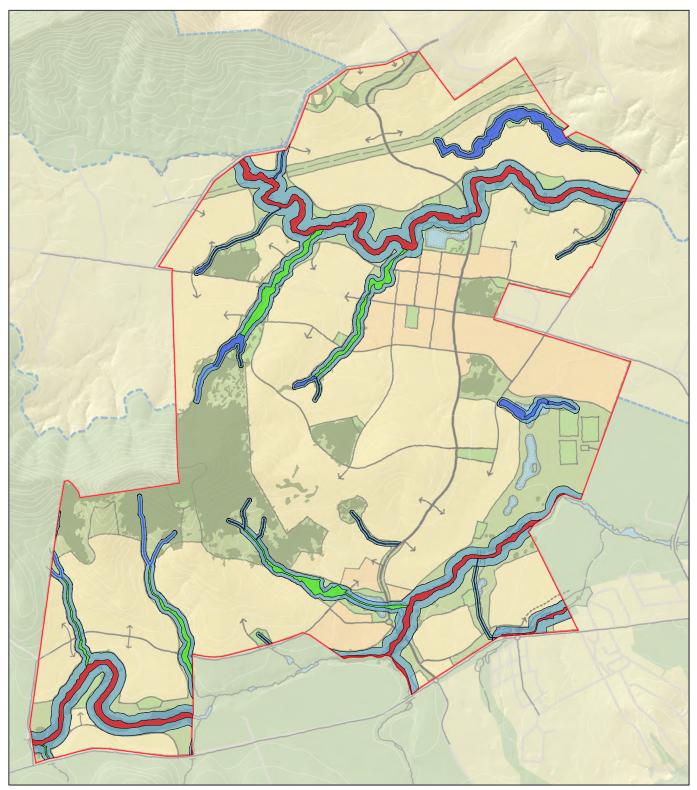


Special Character Overlay
B4 Illawarra Highway



Bush Edge Buffer Overlay





Proposed Riparian Corridor Network

Part 3A | Calderwood Urban Development Project



Top of Bank - Stream Order 3+ Ground truth and ALS survey data



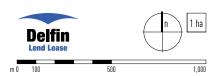
Top of Bank - Stream Order 2 Ground truth and ALS survey data

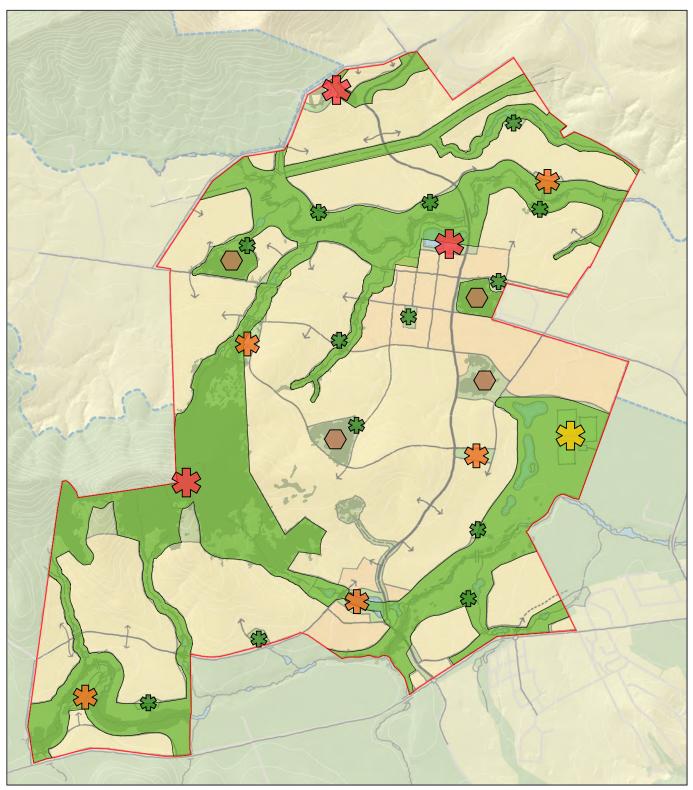


Top of Bank - Stream Order 1 Ground truth and ALS survey data



Core Riparian Zone (CRZ)
Size based on stream order





Proposed Open Space Network



Citywide Parks
Johnston's Spur, Town Centre Park, and Marshall Mount House Curtilage



District Parks

Indicative locations. Minimum size 1.0 ha



Local Parks

Indicative locations. Minimum size 0.2 ha



Main Sports Complex Three sports ovals

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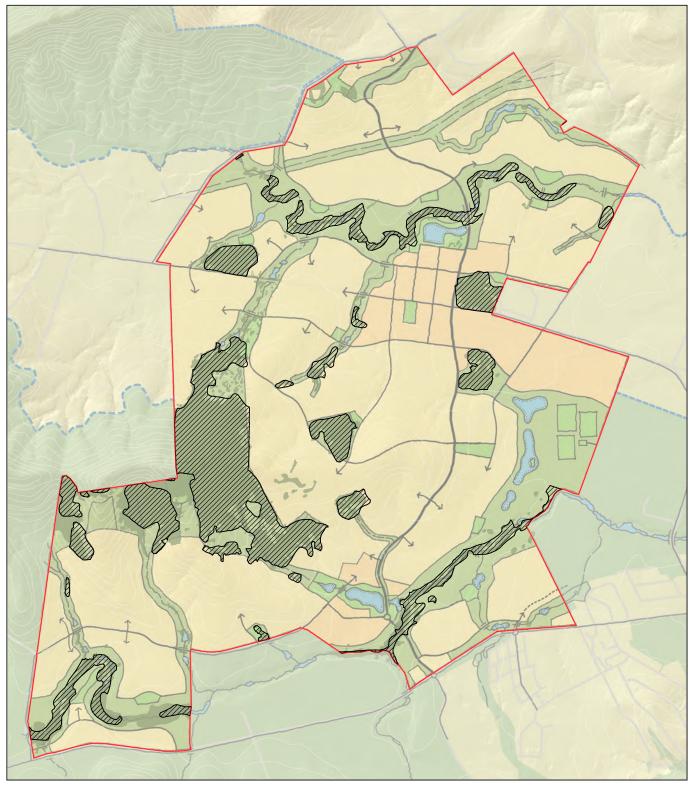


Environmental Reserves



Open Space Corridors and Citywide Bushland

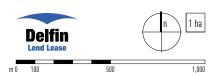


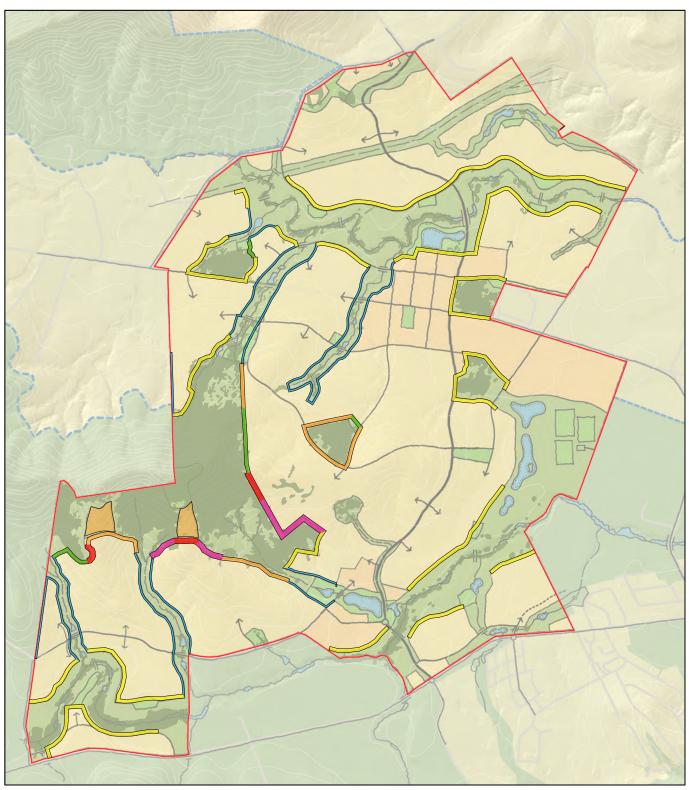


Environmentally Significant Lands

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Bushfire Asset Protection Zones (APZ)

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10m APZ



35m APZ



50m APZ



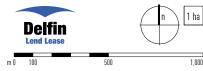
20m APZ 25m APZ

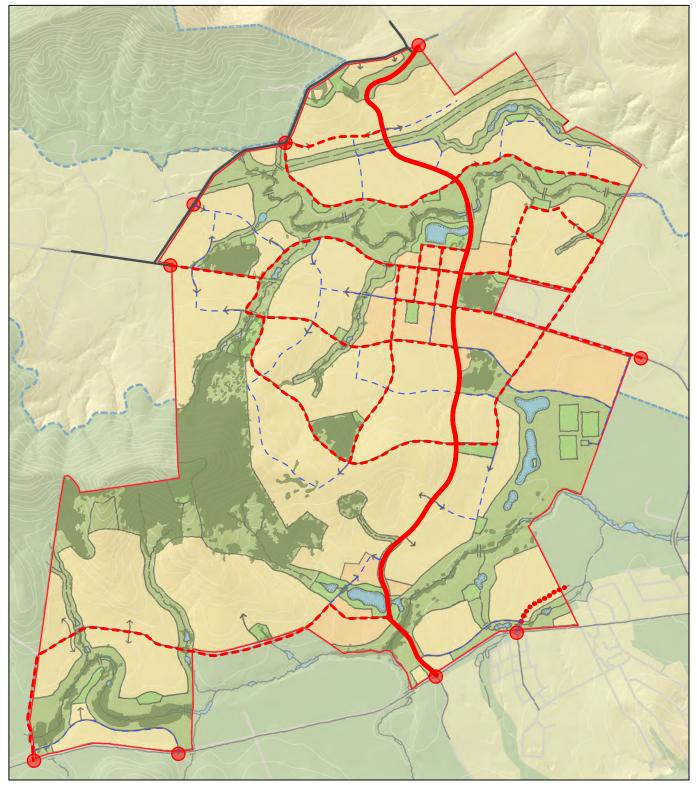


60m APZ



APZ to be determined at point of Subdivision





Road Layout and Hierarchy

Part 3A | Calderwood Urban Development Project



Sub-Arterial Road 2-4 lanes, Bus Route



Albion Park Bypass Indicative Route



Major Collector Street



Minor Collector Street Principal Pedestrian Link

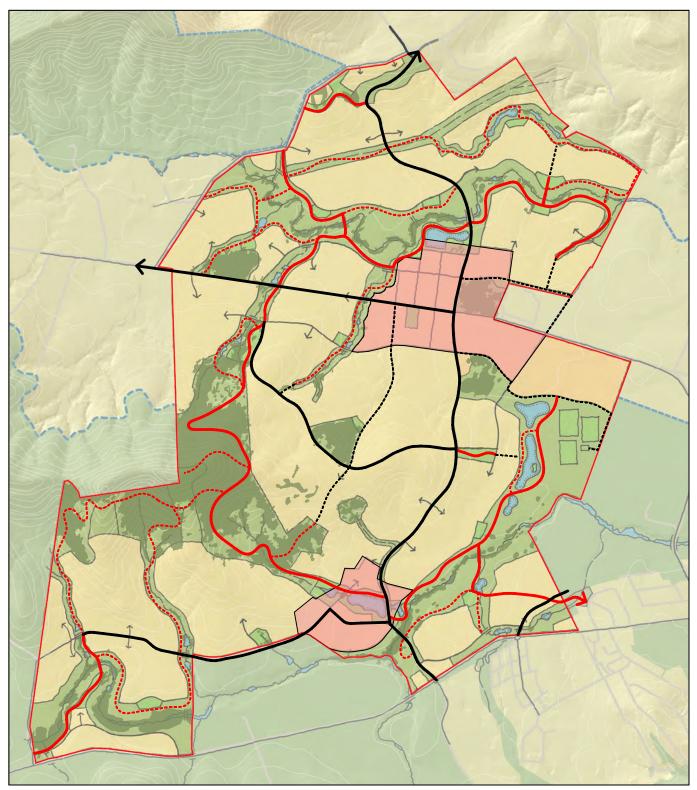


Access Points Principal Links



Indicative Crossing Points





Proposed Pedestrain and Cycle Network

Part 3A | Calderwood Urban Development Project



Pedestrian/Bicycle Friendly Zones



Indicative Crossing Points



Primary/Commuter Path in Road Corridors 2.5m sealed



Secondary Path in Road Corridors 2.5m sealed

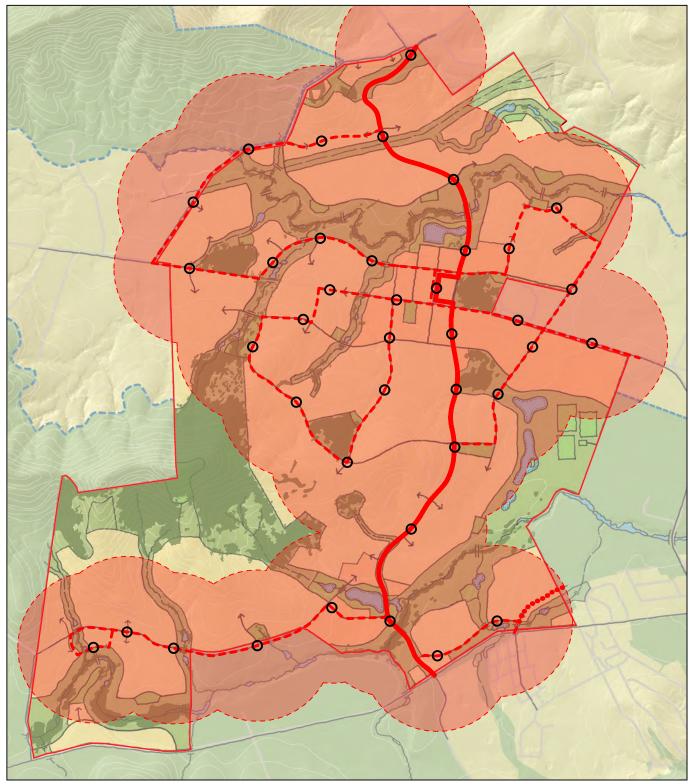


Primary Trail in Open Space Corridors 2.5m sealed



Secondary Trail in Open Space Corridors 1.5m gravel





Bus Service

Part 3A | Calderwood Urban Development Project



Strategic Trunk Bus Route
To be negotiated with future operator



Albion Park Bypass Indicative Route



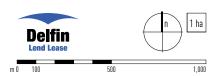
Approximate Bus Route
To be negotiated with future operator

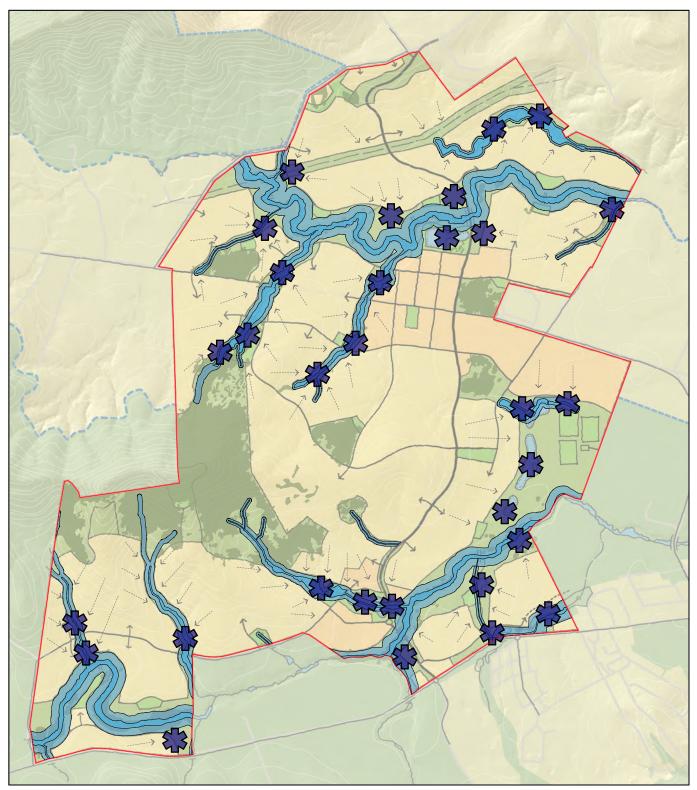


Approximate Bus Stop Location
To be negotiated with future operator



400m Radius from Bus Stops Typically 5 minute walking radius





Water Cycle Management

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Indicative location of posible water bodies

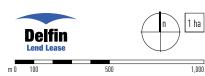
Both on-line and off-line ponds serving ornamental, water quality and water detention purposes

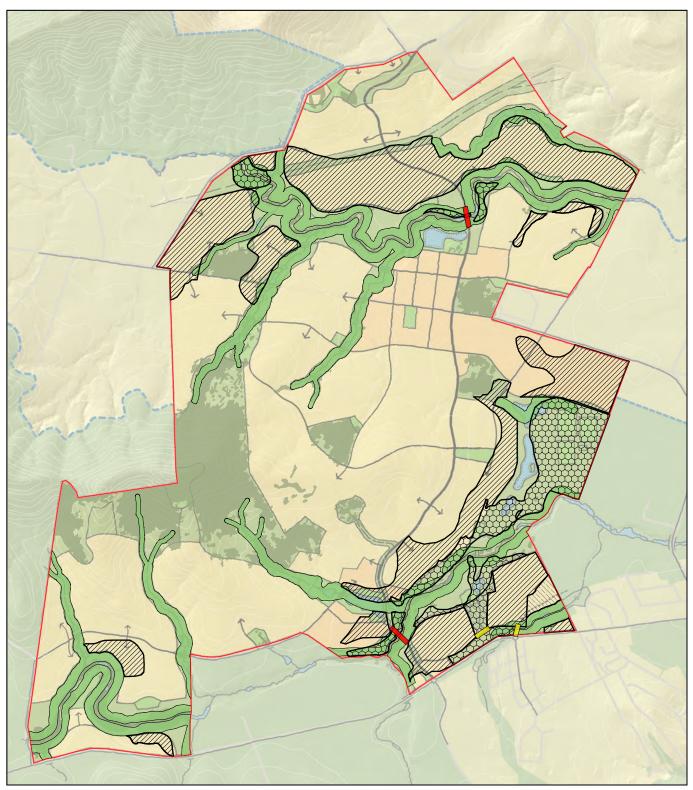


Riparian Corridor - Top of Bank Based on ground truth and ALS survey data



Core Riparian Zone (CRZ) Size based on stream order





Flood Mitigation Plan

Part 3A | Calderwood Urban Development Project

Floodplain regrade - increase elevation

Floodplain regrade - decrease elevation



Proposed Increased Roughness



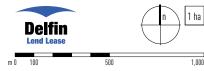
Flood Planning Area

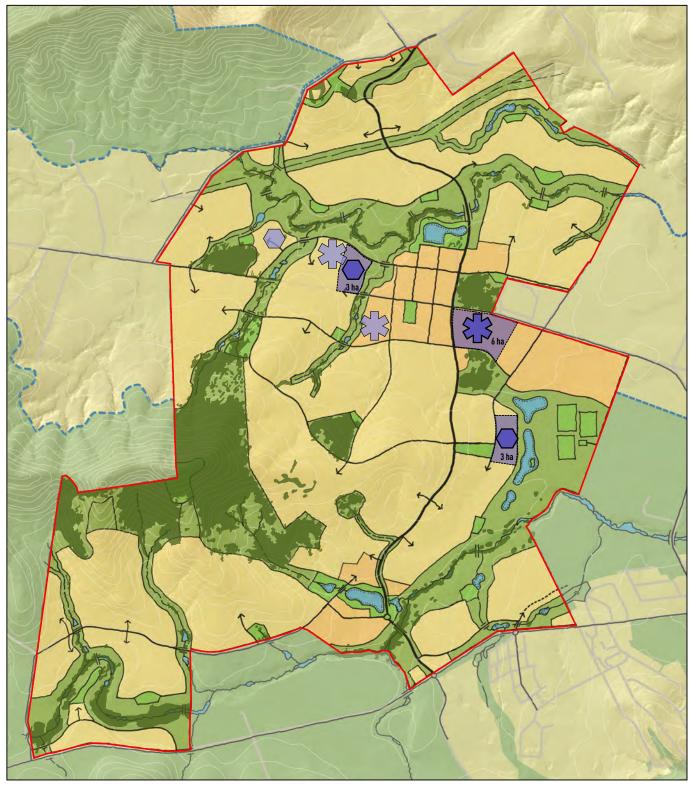


Proposed Road Bridge



Proposed Culvert Under Road





Possible School Sites

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Preferred High School Location 6 ha allocation



Preferred Primary School Location

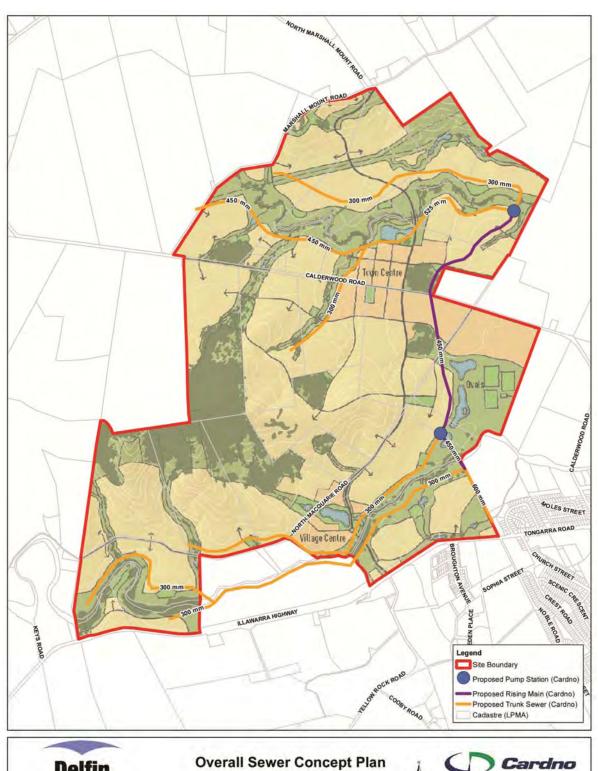


Alternative High School Locations



Alternative Primary School Locations







CALDERWOOD URBAN DEVELOPMENT PROJECT





Concept Base Plan from Dellin Lend Lease - February 2010

