© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Original size mm 100 50 30 10 0

Keep new trees away from play space to maintain sight lines, already shade trees present

Existing playspace

Minimal views into the reserve from the neighbouring properties due to high fence

Maintenance entrance, keep clear

BISHOPWORTH STREET

OPAWA ROAD

View #4

View #3

EXISTING SPORT FIELDS

Existing tennis court

View #2

View #1

Existing toilet block

Maintain existing access from properties

Keep new trees away from toilet block to maintain sight lines

0 10 20 30 40 50 m

KEY

Existing Features

- Existing Tree/ Vegetation
- Existing Playground
- Existing Path
- Existing Stream
- Site Boundary
- Private access to site

SERVICES LEGEND

SEWER	
WATER	
STORMWATER	
ORION (Cables)	
ORION (HV cables)	HV HV
TRANSPOWER	T T
ROCKGAS	R R
TELECOMMUNICATIONS:	
CHORUS (Cables)	
CHORUS (Gas)	G G
CHORUS (Fibre)	C C
ONE NZ	O O
ENABLE	E E
OVERHEAD LINES	OH OH



VIEW #1 - Creek along south boundary. Neighbouring properties have access to park through private bridges. Juvenile trees between path and creek.



VIEW #2 - No fence along Bishopworth Street frontage. Gardens around tennis court. Mature trees along this frontage allows views under canopy into park from street. Should not be planted any denser.



VIEW #3 - Fenced tennis court. Established mānuka up against outside of fence. Views of hills to the west.



VIEW #4 - Row of large mature trees along north edge of park. No views through high fence along entire north boundary. Ponding between sports field and row of trees.

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

EXISTING VEGETATION PLAN

NORTH

SCALE 1:1000@A3

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L01 of 6 File Ref.

© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Original size mm
100
50
30
10
0

BISHOPWORTH STREET

OPAWA ROAD

0 10 20 30 40 50 r

KEY

Existing Features

- Existing Tree/ Vegetation
- Existing Features
- Site Boundary

KEY

Potential Tree Planting Areas

- 5m - 10m Trees Height Zone
- 10m - 15m Trees Height Zone
- 15m - 20m Trees Height Zone
- 20+m Trees Height Zone

TREE SETBACKS & SPACINGS:

- No tree shall intrude through the recession plane at maturity.
- No tree shall be planted closer than 3.0m from a pathway.
- No tree shall be planted closer than 5.0m from a sports field and no tree canopy drip line shall extend above a sports field.
- Tree spacings shall be a minimum of 5.0m apart to allow for easy lawn mowing.
- Min. 2m offset for low voltage power.
- Min. 3m offset for 11kv power.
- Min. 5m offset for 33-66kv.
- Min. of 1m offset for all other services and hard paving not mentioned above.

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

TREE PLANTING ZONES

NORTH

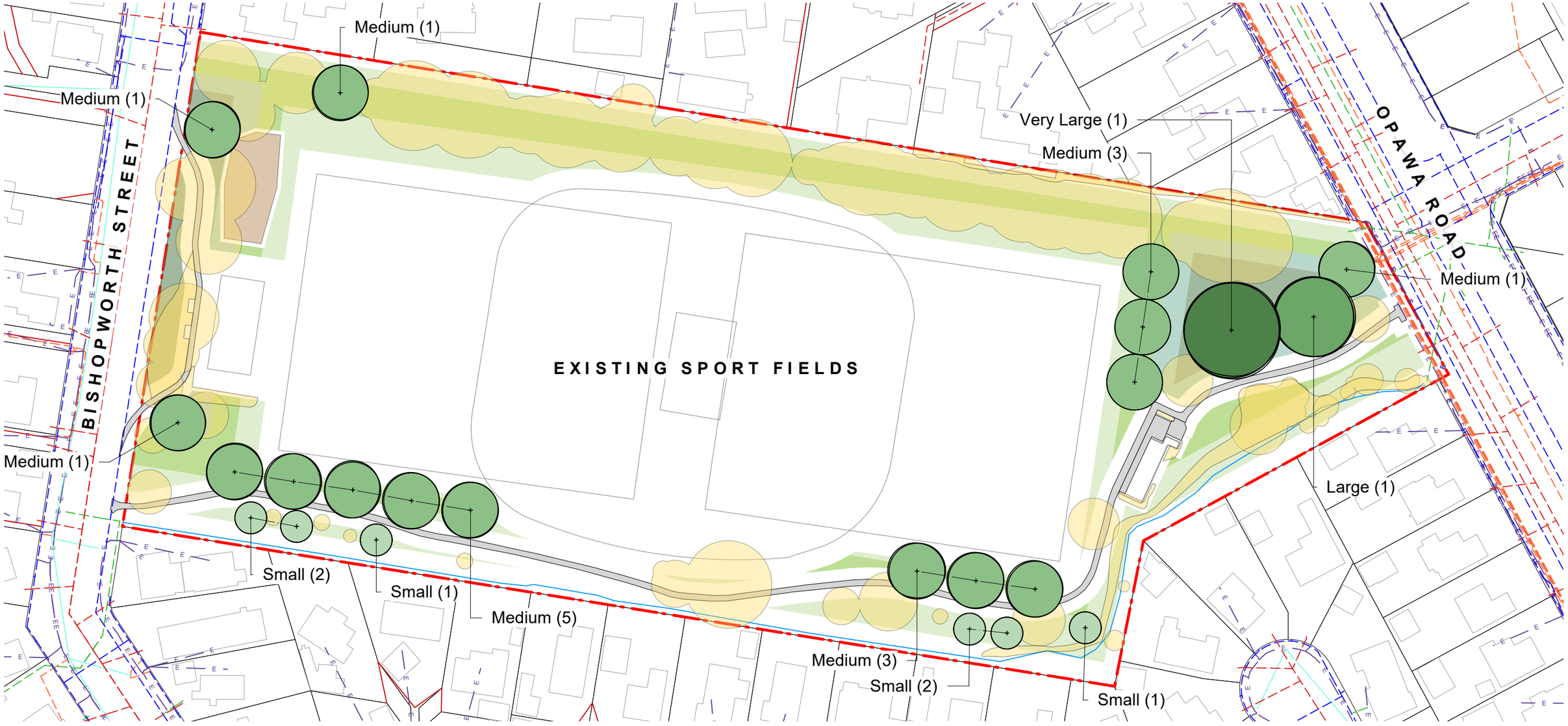
SCALE 1:1000@A3

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L02 of 6 File Ref.



© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Original size mm 0 10 30 50 100

KEY

Existing Features

- Existing Tree/ Vegetation
- Existing Playground
- Existing Path
- Site Boundary
- Existing Stream

KEY

Potential Tree Planting Areas

- 5m - 10m Trees Height Zone
- 10m - 15m Trees Height Zone
- 15m - 20m Trees Height Zone
- 20+m Trees Height Zone

PARK CANOPY COVER SUMMARY:

Existing number of trees		98
Existing canopy cover	approx.	21%
Proposed number of new trees		23
Proposed net canopy cover (existing vegetation and proposed)	approx.	30%

PLANT SCHEDULE:

ID	QUANTITY	TREE CATEGORY	TREE HEIGHT
Small	6	Small Tree	5-10m
Medium	15	Medium Tree	11- 15m
Large	1	Large Tree	16- 20m
Very Large	1	Very Large Tree	20+m

TREE PLANTING GUIDELINE:

- **Tree planting to Special Character Parks will continue the established theme.**
- **Trees will be positioned appropriately to allow for debris management.**
- **Tree species shall be well suited to the local conditions.**
- **Planting along waterways will be predominantly native species.**
- **CCC will aim for 40-60% of new tree plantings as natives.**

SERVICES LEGEND

- SEWER
- WATER
- STORMWATER
- ORION (Cables)
- ORION (HV cables) HV HV
- TRANSPOWER T T
- ROCKGAS R R
- TELECOMMUNICATIONS:
- CHORUS (Cables)
- CHORUS (Gas) G G
- CHORUS (Fibre) C C
- ONE NZ O O
- ENABLE E E
- OVERHEAD LINES OH OH

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

INDICATIVE TREE PLANTING PLAN

NORTH

SCALE 1:1000@A3

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L03 of 6 File Ref.



LOCATION PLAN 0 10 50 m

KEY

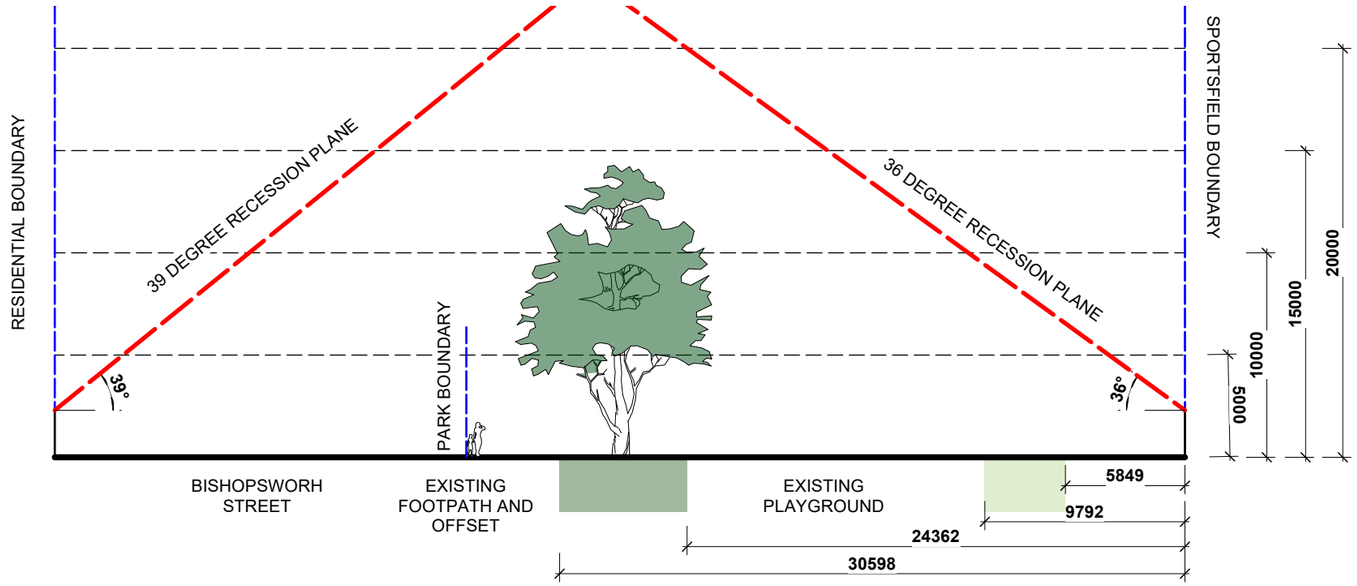
Potential Tree Planting Areas

- 5m - 10m Trees Height Zone
- 10m - 15m Trees Height Zone
- 15m - 20m Trees Height Zone
- 20+m Trees Height Zone

Existing Features

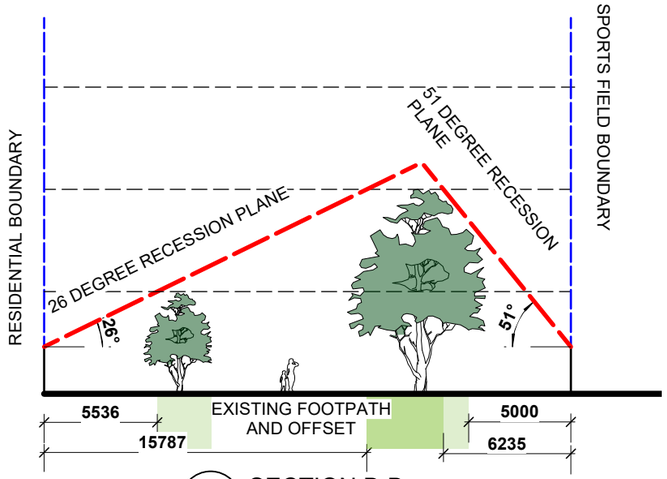
- Existing Tree/ Vegetation
- Existing Playground
- Existing Path
- Site Boundary

INDICATIVE CROSS SECTIONS THROUGH BOUNDARIES

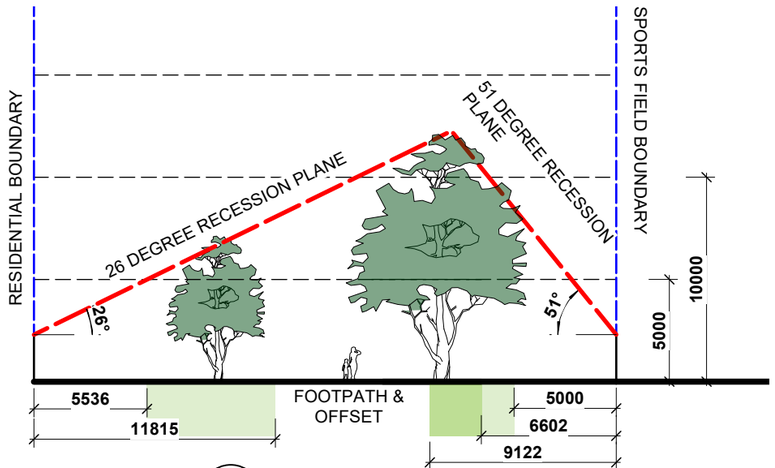


A SECTION A-A
Scale: 1:300

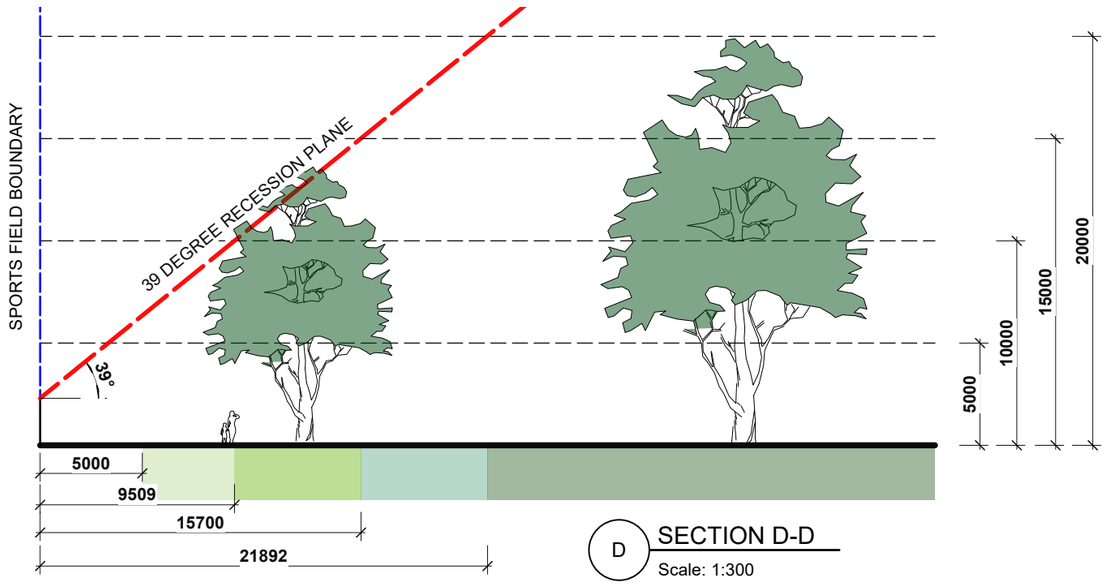
0 10 15 20 m



B SECTION B-B
Scale: 1:300



C SECTION C-C
Scale: 1:300



D SECTION D-D
Scale: 1:300

© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Original size mm 0 10 50 100

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

LOT BOUNDARY CROSS SECTIONS

NORTH

SCALE AS SHOWN

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L04 of 6 File Ref.



0 10 20 30 40 50 m

KEY

Site Boundary

Original size mm
100
50
30
10
0

© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

EXISTING PLAN

NORTH

SCALE 1:1000@A3

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L05 of 6 File Ref.



0 10 20 30 40 50 m

KEY

Site Boundary

Original size mm 0 10 30 50 100

© Copyright Christchurch City Council © Aerial Photography Copyright Terralink International Ltd

Christchurch City Council

URBAN FOREST PLAN

HILLSBOROUGH RESERVE

PROPOSED CONCEPT PLAN

NORTH

SCALE 1:1000@A3

Original Plan Size: A3

ISSUE. 13/10/26

UFP046 Project Ref.

L06 of 6 File Ref.