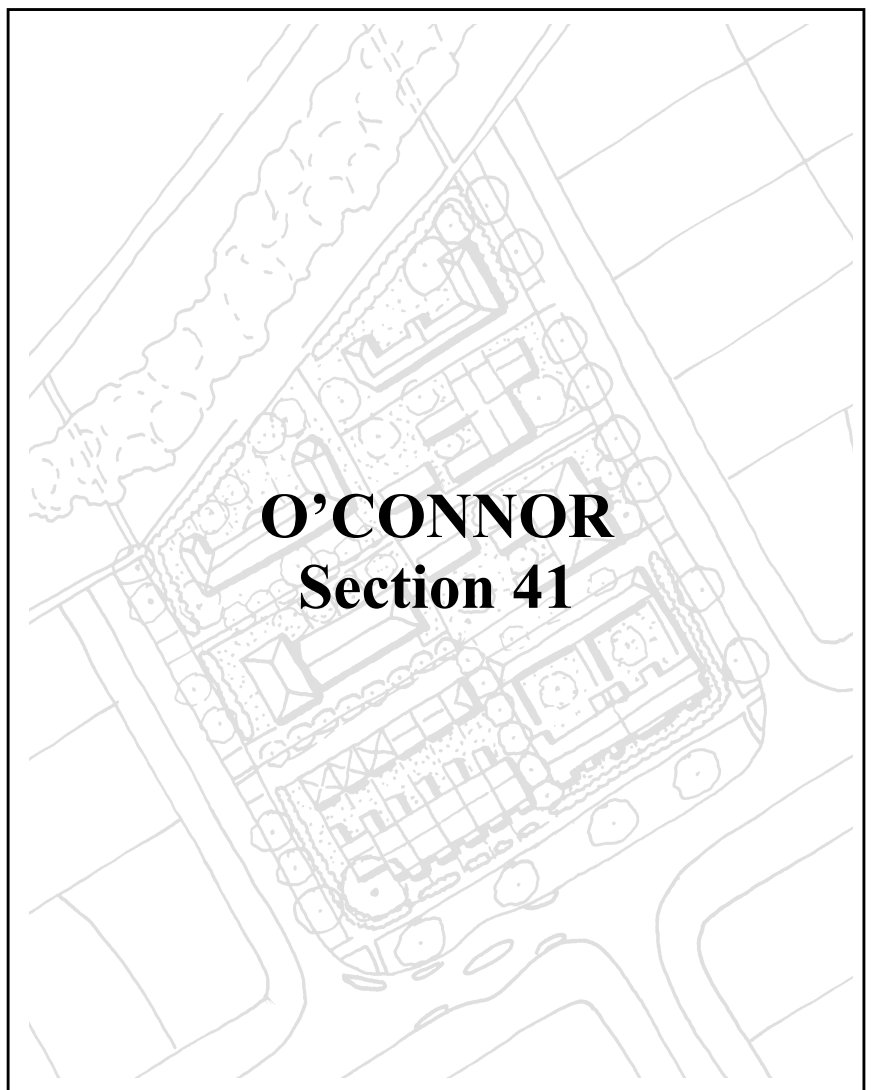

SECTION MASTER PLAN



SMP No. 99/2983

O'CONNOR – SECTION 41

CONTENTS

INTRODUCTION.....	5
Background	5
Implications of the section master plan.....	5
CONTEXT	6
Public amenities.....	6
Street pattern and indicative traffic volumes	7
Heritage issues	9
ANALYSIS.....	10
Relationship to existing LAPAC, Community Value Statement.....	10
Existing configuration.....	12
Existing vegetation.....	13
Existing hydraulic services and electrical supply.....	14
Existing driveways, footpaths and street parking zones.....	15
Block and street dimensions	16
Known lessee information	17
IMPLEMENTATION	18
Control plan	18
Development outcome drawings.....	21
Required improvements to public and private areas.....	22

Housing type guidelines	- Attachment A
Architectural guidelines	- Attachment B
Urban design principles	- Attachment C

INTRODUCTION

The Section Master Plan is a comprehensive, integrated plan for the incremental renewal of Section 41, O'Connor. The Section Master Plan is required before an application for residential redevelopment (other than for single houses and dual occupancies) can be approved in these areas.

Background

Over the last two years the Planning and Land Management (PALM) has undertaken a number of studies of the inner North Canberra B1 Area. These studies have included input from professional associations, the Ministers Urban Design Advisory Committee, the development and construction industries, individual lessees and residents, resident associations in inner North Canberra and Local Area Planning Advisory Committee's. In addition, a separate and comprehensive investigation of all residential codes and guidelines (the ACTCode Review) is underway. The first outcome of that review process was Variation to the Territory Plan No:109 which establishes new redevelopment areas and policies for selected parts of inner north Canberra.

The Standing Committee on Planning and Environment, of the ACT Legislative Assembly, reinforced the need for section master plans in their report to the Assembly (November 1997). The Committee recommended that section master plans should be prepared for B11 and B12 areas of North Canberra in consultation with the community. In particular, this Committee recommended that PALM be responsible for the preparation of section master plans.

Section master plans may be reviewed at any time in the future, however any amendment would be subject to the same public consultation and approval process as required in preparing the original section master plan.

Implications of the section master plan

The section master plan will assist:

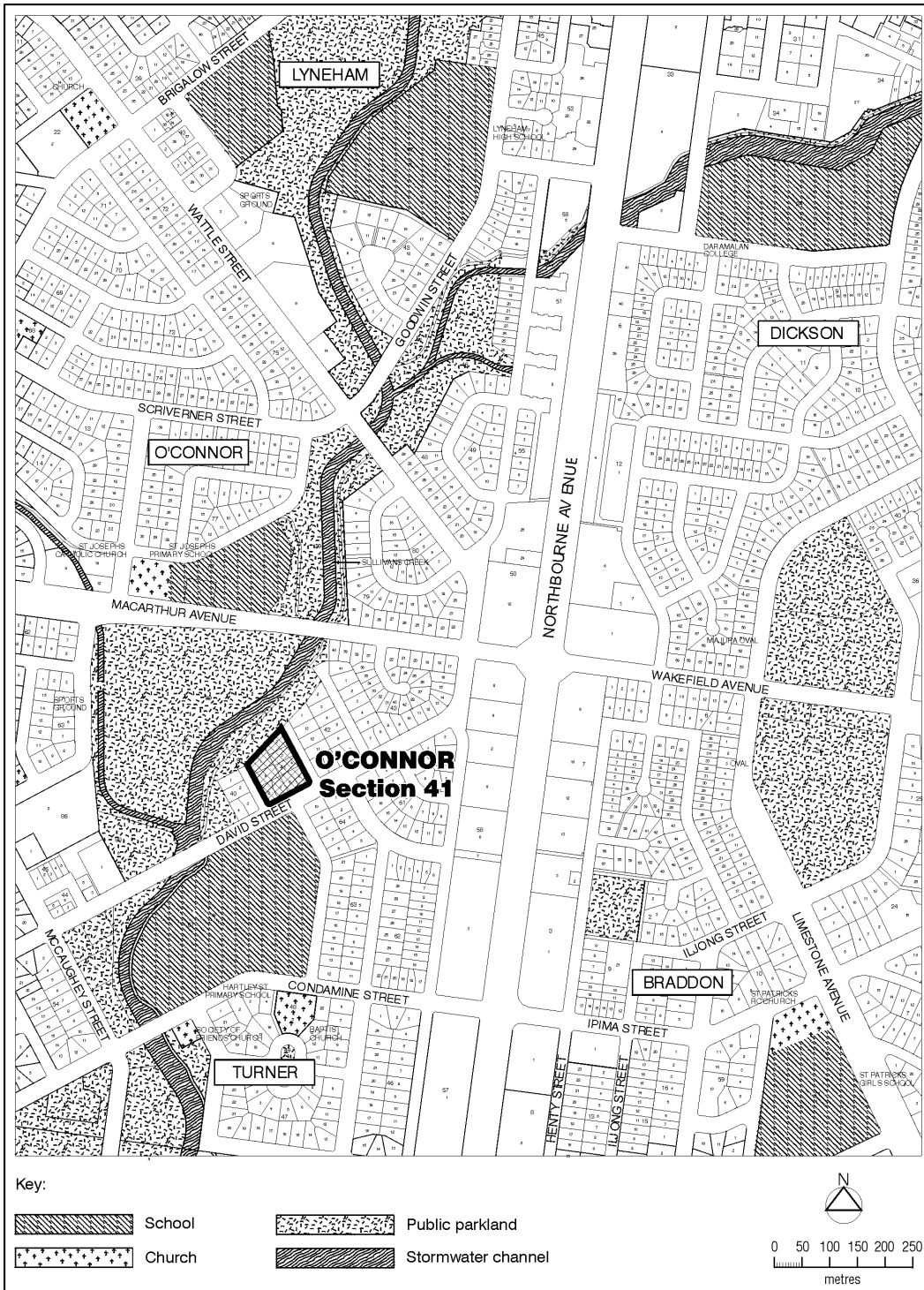
- lessees who do not wish to redevelop to contribute to the planning framework for their section
- developers in understanding the requirements for retaining residential amenity on their proposal.

In particular, the section master plan addresses issues for blocks where lessees are:

1. considering redevelopment at some time in the future, and are not opposed to the adjoining lessee maximising their development opportunities consistent with the approved section master plan - such lessees may support the adjoining lessee building to the side boundary (ie a designed and constructed future shared wall), consistent with the Control Plan.
2. not considering redevelopment of their block in the foreseeable future and wish to retain their amenity - this will mean that adjoining lessees will need to have particular regard to overshadowing, overlooking, setbacks, landscape retention etc. In such cases both lessees are unlikely to achieve the maximum redevelopment potential from their properties (eg. plot ratio may be less than that permitted by the Territory Plan).

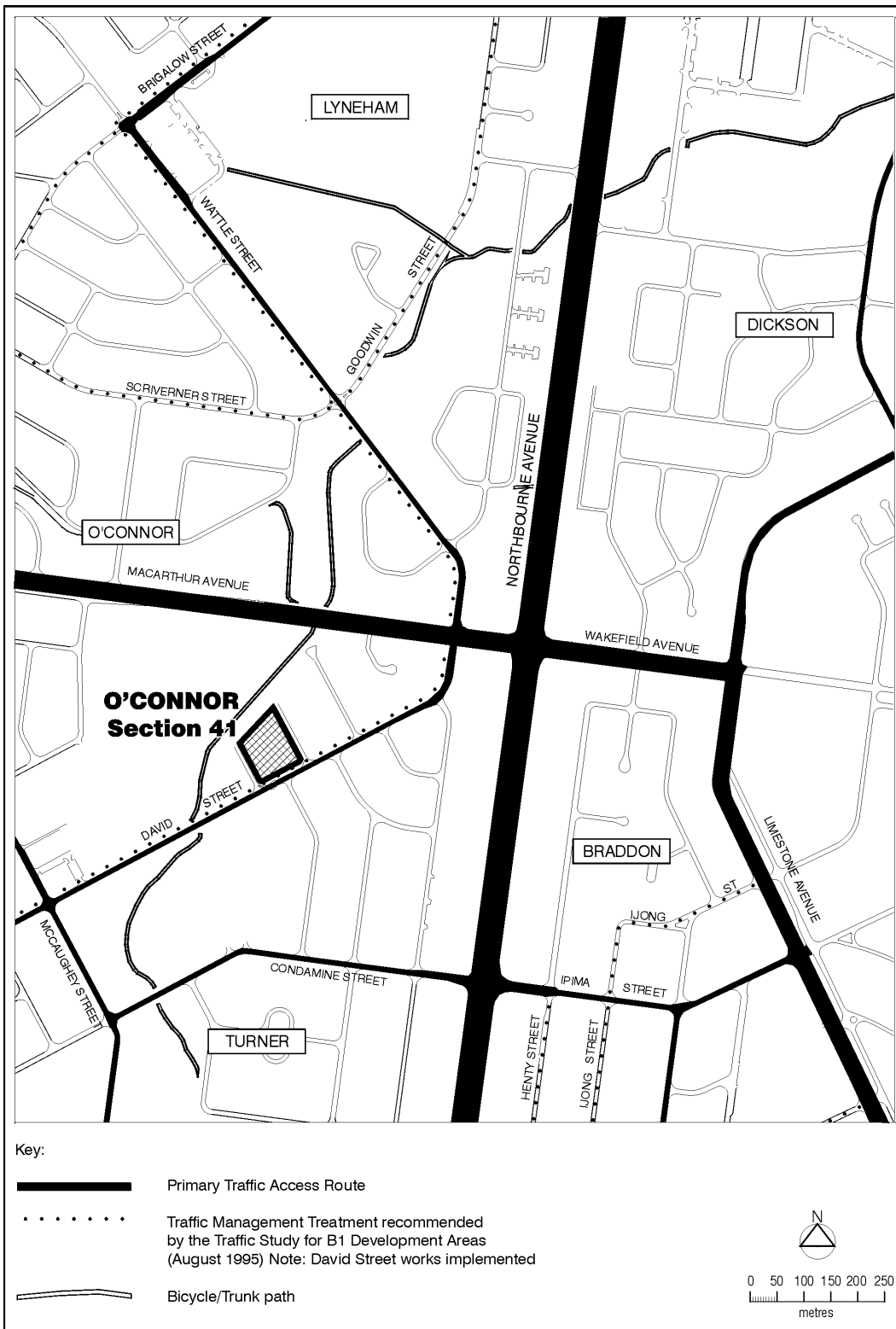
CONTEXT

Public amenities



The Sullivans Creek open space corridor is an important recreation focus for the area. This corridor provides a pedestrian/cycle link between the employment and commercial centres areas of Dickson and the university and Civic areas of Canberra. This section is adjacent to this open space corridor which contains a trunk cycle path, footpaths and playgrounds, and connects to major facilities such as the Lyneham High School, St Josephs Primary School and Turner Primary School.

Street pattern and indicative traffic volumes



The ACT Government policy to implement the B11 and B12 Area Specific Policy is based, in part, on good existing traffic management and road infrastructure. This is documented in:

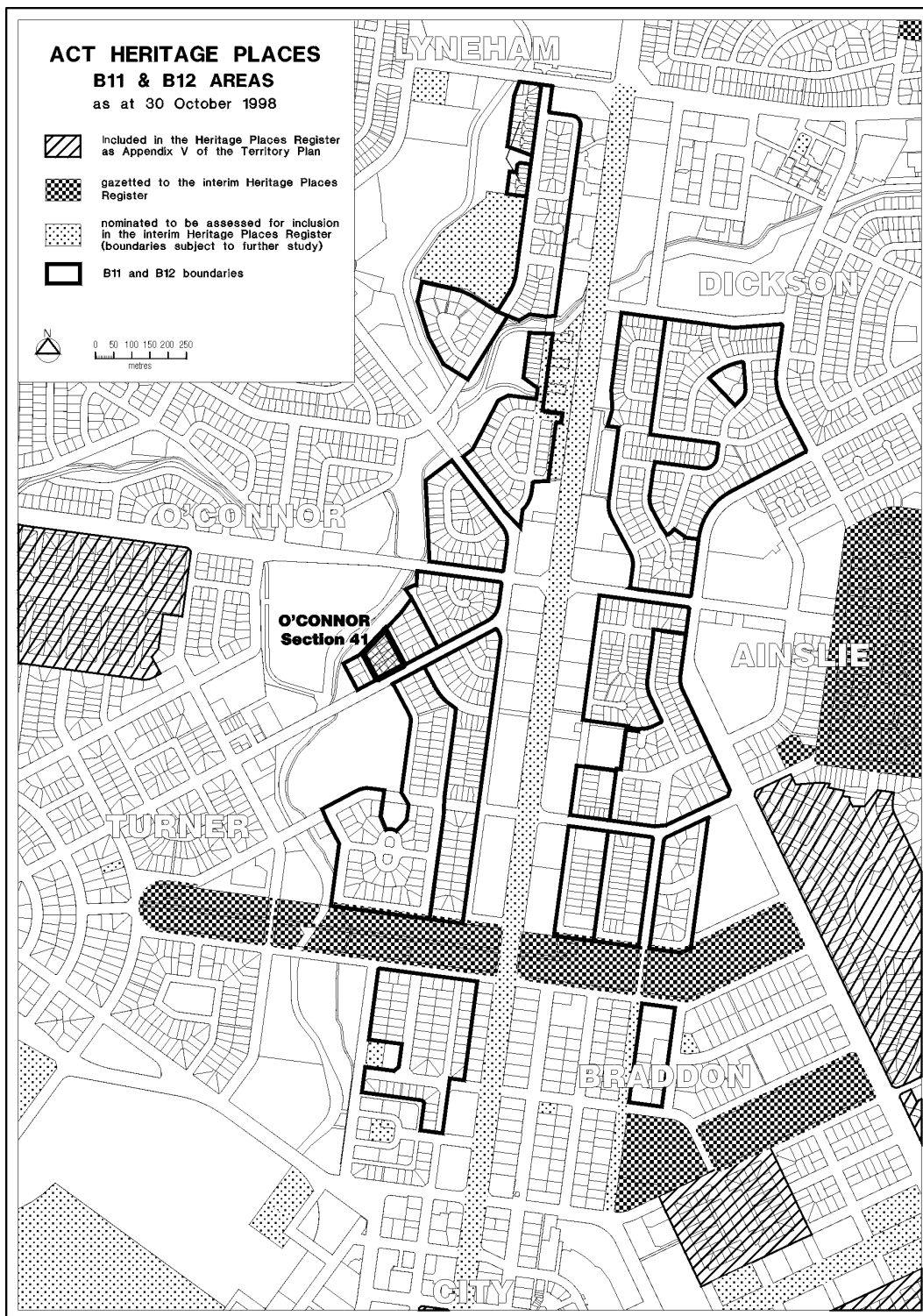
- *“Having a Say”* - Report on community consultation on the Gungahlin External Travel Study: Lansley, Hayes and Storer Pty Ltd (1989)

- Northbourne Avenue Traffic Management Strategy: Arup Transportation Planning (1995)
- Traffic Study for B1 Development Areas North Canberra: Arup Transportation Planning (1995)
- Mouat/Ginninderra Drive Review: R J Nairn and Partners Pty Ltd et al (1996)
- Series of recent local area traffic management (LATM) studies in Watson and Downer (1996), Lyneham, O'Connor and Turner (1996) and Ainslie and Dickson (1997)
- John Dedman Parkway Preliminary Assessment: Maunsell Pty Ltd (1997)
- Recent traffic volume counts in the B11 and B12 Areas.

These studies collectively support the potential development provided in the B11 and B12 Areas. They provide the basis for determining that the traffic flows on streets in these areas will not increase above reasonable levels and will not significantly affect the level of residential amenity, having regard to the over-riding policy objective associated with urban consolidation.

Local Area Traffic Management devices (LATM's) are being installed as part of ongoing management program for these areas (such as the works constructed in David Street, Turner). Other LATM's will be installed as necessary or as identified through the section master plan process.

Heritage issues



For this section there are no sites included on the:

- Heritage Place Register (Appendix V of the Territory Plan)
- Gazetted in the Interim Heritage Places Register, or
- Nominated to be assessed for inclusion in the Heritage Places Register.

ANALYSIS

Relationship to existing LAPAC, Community Value Statement

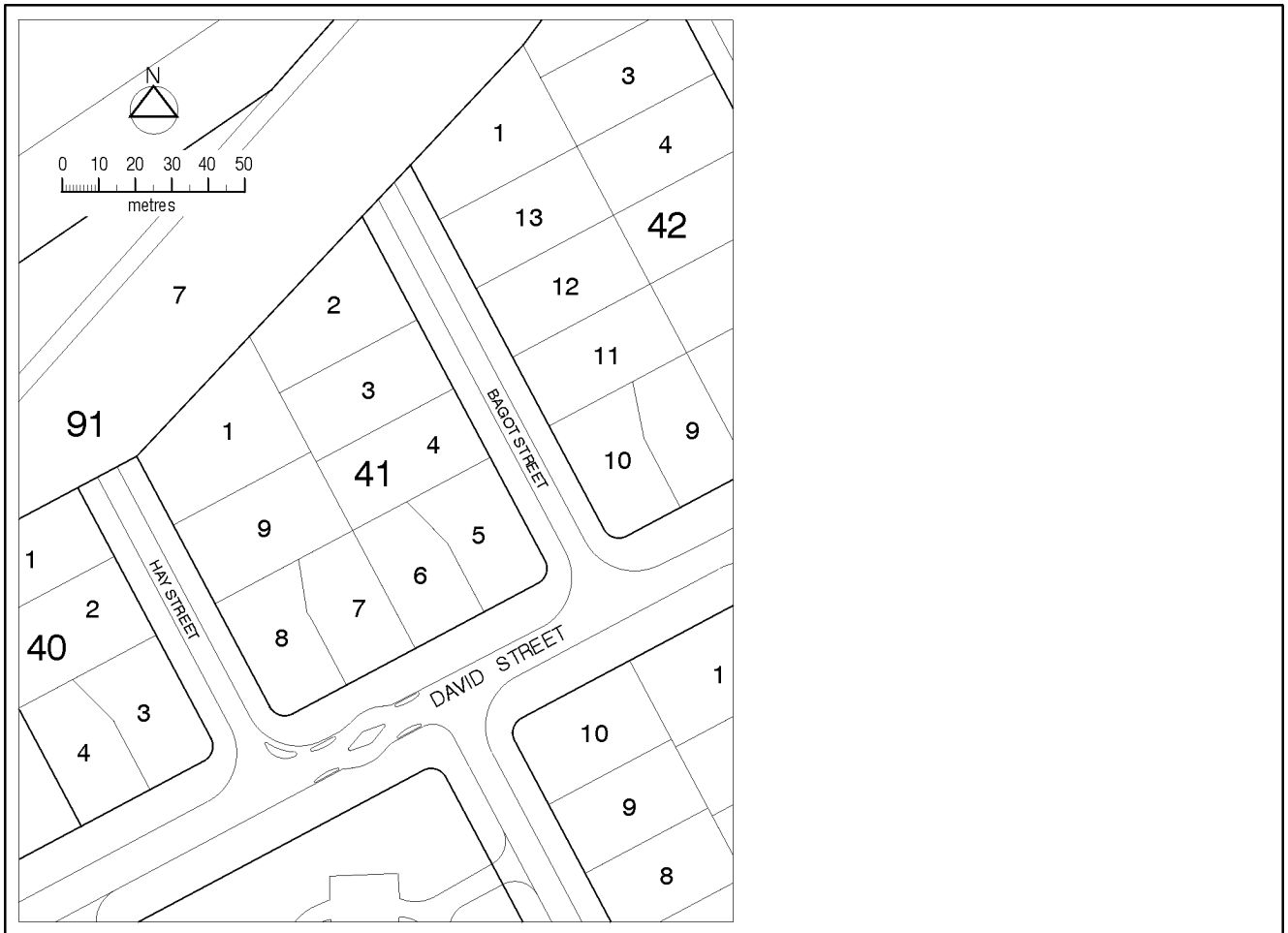
This section master plan has been prepared in the context of the Local Area Planning Advisory Committee (LAPAC) Area 1, “*Community Value Statement for Turner, O’Connor and Lyneham*” 1996 (Note: while the boundaries of the LAPAC’s in north Canberra have changed, this Community Value Statement is still relevant to this area).

The section master plan is consistent with a number of the specific values held by the community for the area. The following summarises the response to specific values:

1. *Nature strips* - the plan aims to protect existing street trees by generally retaining and upgrading existing driveways in the same material
2. *Trees and landscaping* - the plans identify street trees and significant trees on blocks which are required for retention in development schemes
3. *Solar access* - the plans identify building types suitable for particular block orientations to maximise solar access for new dwellings. In some cases optimum solar access is “traded-off” to ensure provision of street frontage and useable private open space (see 7 and 11 below)
4. *Footprint* - implementation of the Territory Plan policies for the area by varying plot ratios and height restrictions. The policy introduced for the B11 and B12 Areas is intended to reduce the scale and quantity of development the further a block is from commercial, employment centres and the Northbourne Avenue corridor. Specifically, the plans aim to restrict building footprints and nominate preferred outcomes to retain gardens, indicate development locations for primary building envelopes, garages, access and open space
5. *Traffic* - the plan minimises access to blocks along higher traffic volume roads
6. *Parking* - the plan requires parking areas to be generally located to the rear of blocks to minimise the visual impact of garages on the street. Basement parking areas are located to minimise basement ventilation openings and impacts on adjacent residents
7. *Streetscape/setback* - the buildings are limited to two storeys (8.5 metres). Setbacks respond to the existing built and landscape character along streets. Materials and colours of proposals are to be sympathetic to the built character of the area
8. *Block amalgamation* - the plan provides options for block amalgamations or individual redevelopment of blocks. Any proposals for redevelopment must address the intentions of the section master plan
9. *Social equity and diversity* - the plan provides options for a range of dwelling types, sizes and locations, including variety of private gardens and private open space

10. *Architectural quality* - the plan requires buildings to respond to existing built and landscape character. Sustainable building forms which address issues such as solar access, natural ventilation, energy efficiency, diversity, public amenity and safety, privacy are encouraged
11. *Community interaction* - the plan encourages dwelling types which maintain individual privacy between residents while providing active frontages to streets and passive surveillance from dwellings over public land
12. *Protection of amenity during construction* - the plan identifies those blocks which are required to have an integrated and concurrent development proposal (say for existing attached dwellings) and/or block amalgamations to protect the amenity of attached lessees
13. *Consultation* - the results of the lessee questionnaire, individual meetings with lessees, LAPAC meetings and other public meetings is incorporated where appropriate. The section master plans reflect the known intentions of those lessees which have indicated that they do not wish to redevelop. The plans take this information into account and indicate possible options for the non-redevelopment of these blocks. In addition, formal public notification of the draft section master plans is undertaken.

Existing configuration



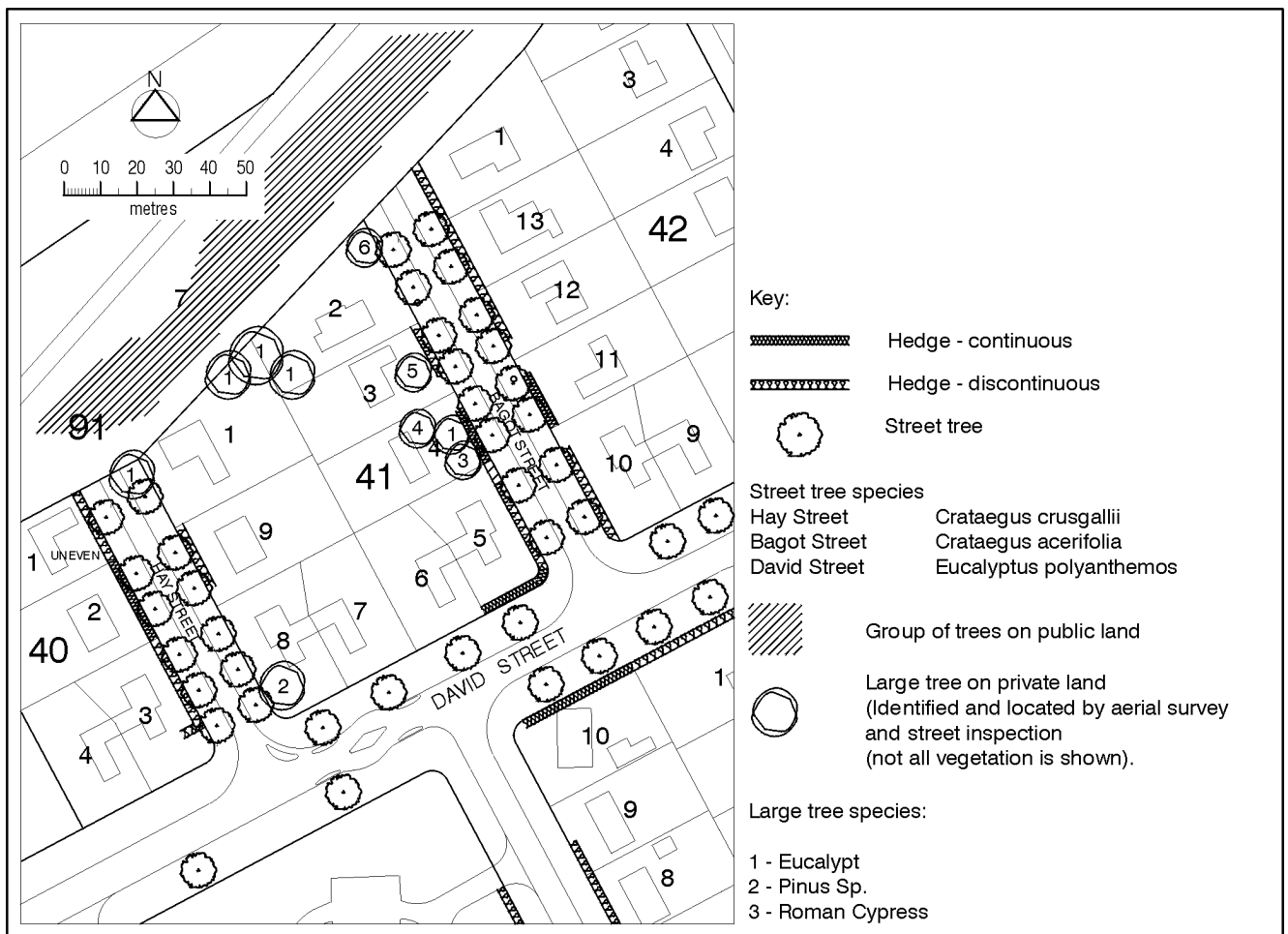
Section 41 is bounded by David Street to the south, Bagot Street to the east, Hay Street to the west and the Sullivan's Creek Reserve to the north. David Street and the Sullivan's Creek reserve are the major urban elements adjacent to this section.

David Street carries through traffic and contains Local Area Traffic Management devices. It is less suitable for car entry than Bagot and Hay Streets. Bagot and Hay Streets are short streets that end in the reserve.

Sullivan's Creek reserve links the section to pedestrian and bicycle paths that in turn link to the surrounding primary and high schools and other community facilities.

There are 9 blocks in Section 41. Five blocks contain single dwellings and there are two paired house groups on the four blocks that face David Street.

Existing vegetation

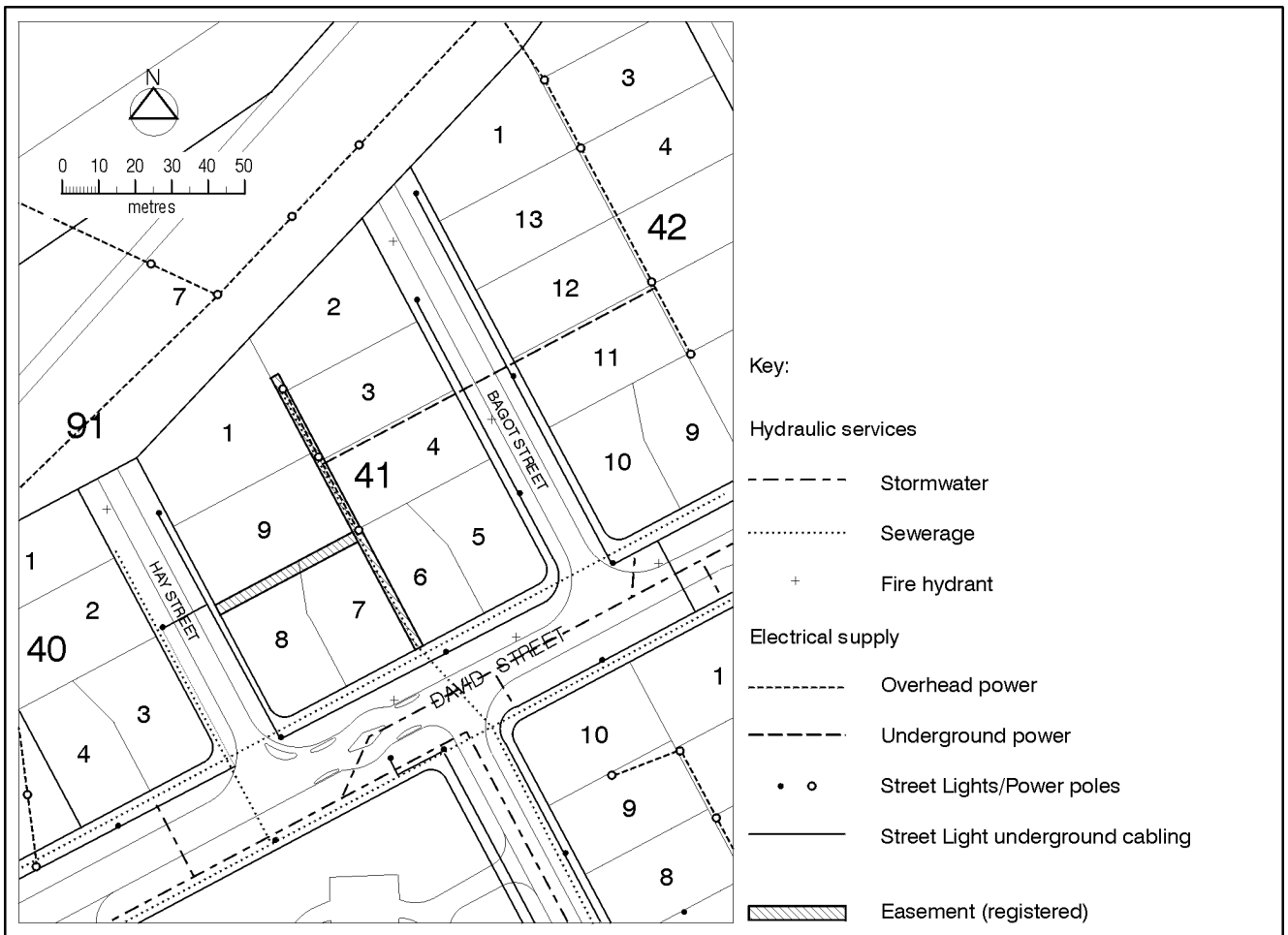


Street trees are generally in good condition on the streets bounding the section.

Hedges provide an attractive frontage and privacy to a number of blocks.

Note: Indicative locations only.

Existing hydraulic services and electrical supply



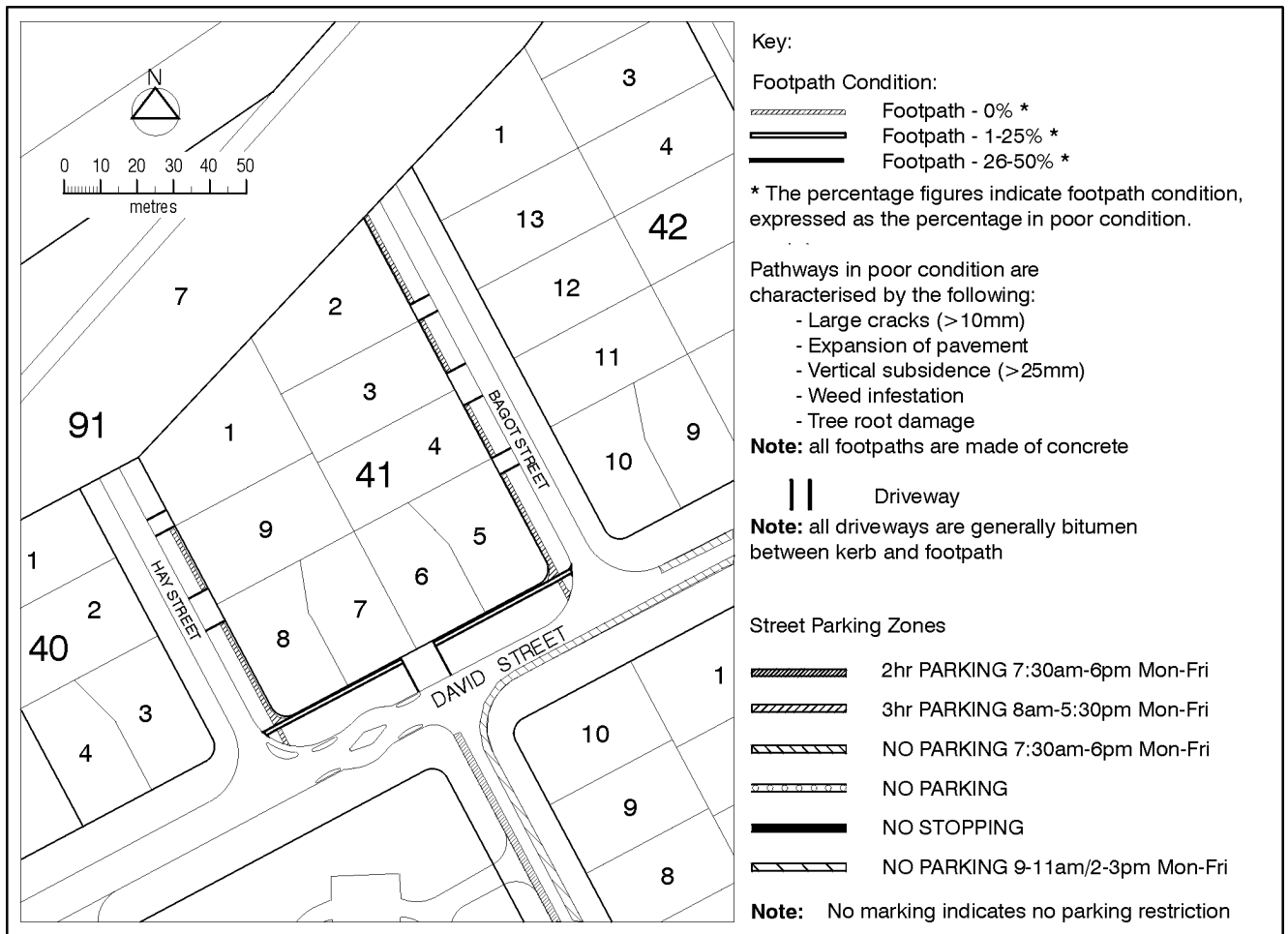
Stormwater and sewerage are provided to the section. An easement for sewerage runs down the centre of the section along the rear of block boundaries.

Street/pedestrian lighting is provided to streets surrounding the section.

Overhead power lines exist in the centre of the section.

Note: Indicative locations only. Proposals are to be based on detailed survey.

Existing driveways, footpaths and street parking zones



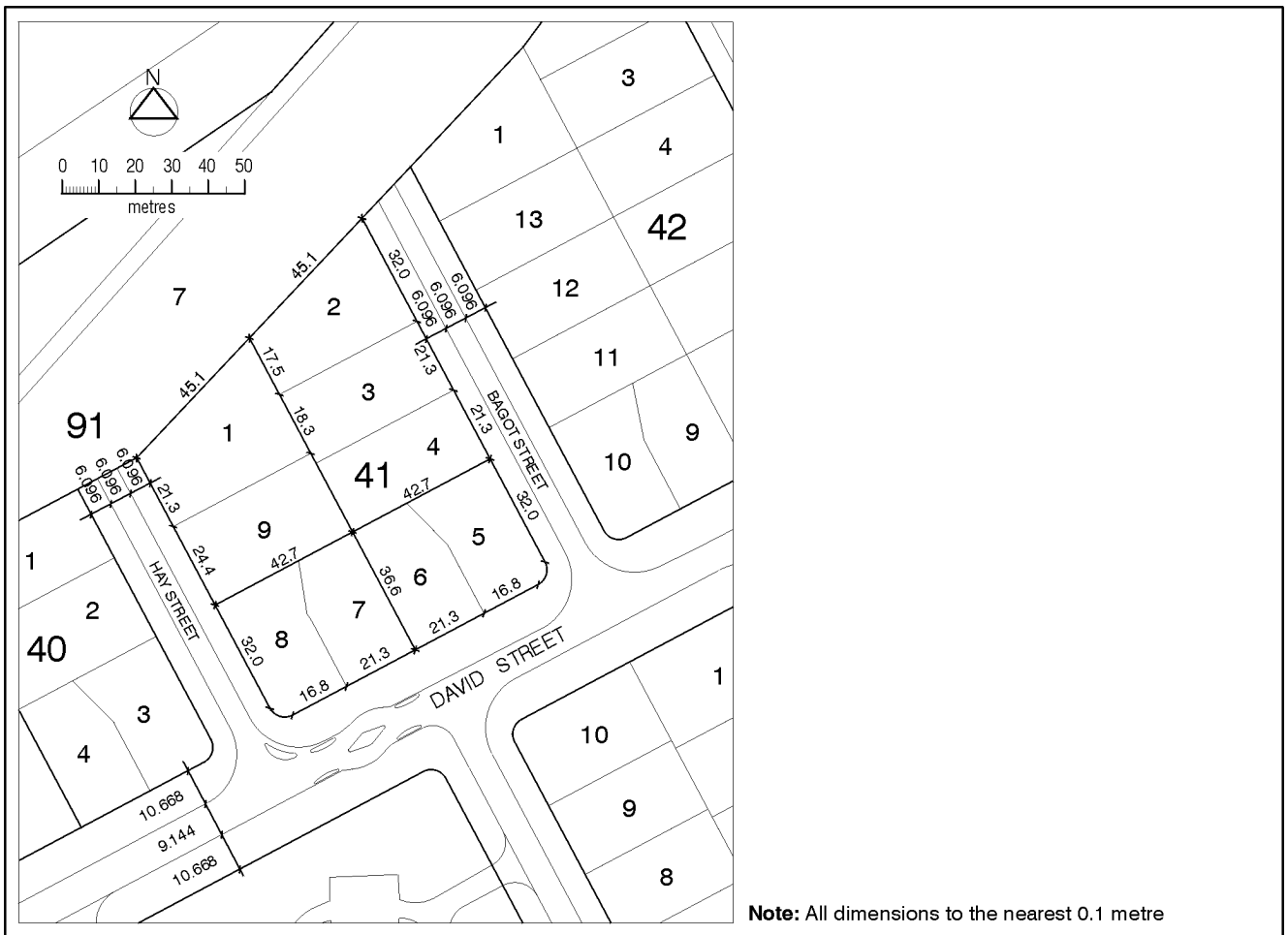
The footpath to David Street is in good condition.

The footpaths to Bagot Street and Hay Street have up to 25% in poor condition.

There are no sign posted on-street street parking restrictions around this section.

Note: Indicative locations only. Proposals are to be based on detailed survey.

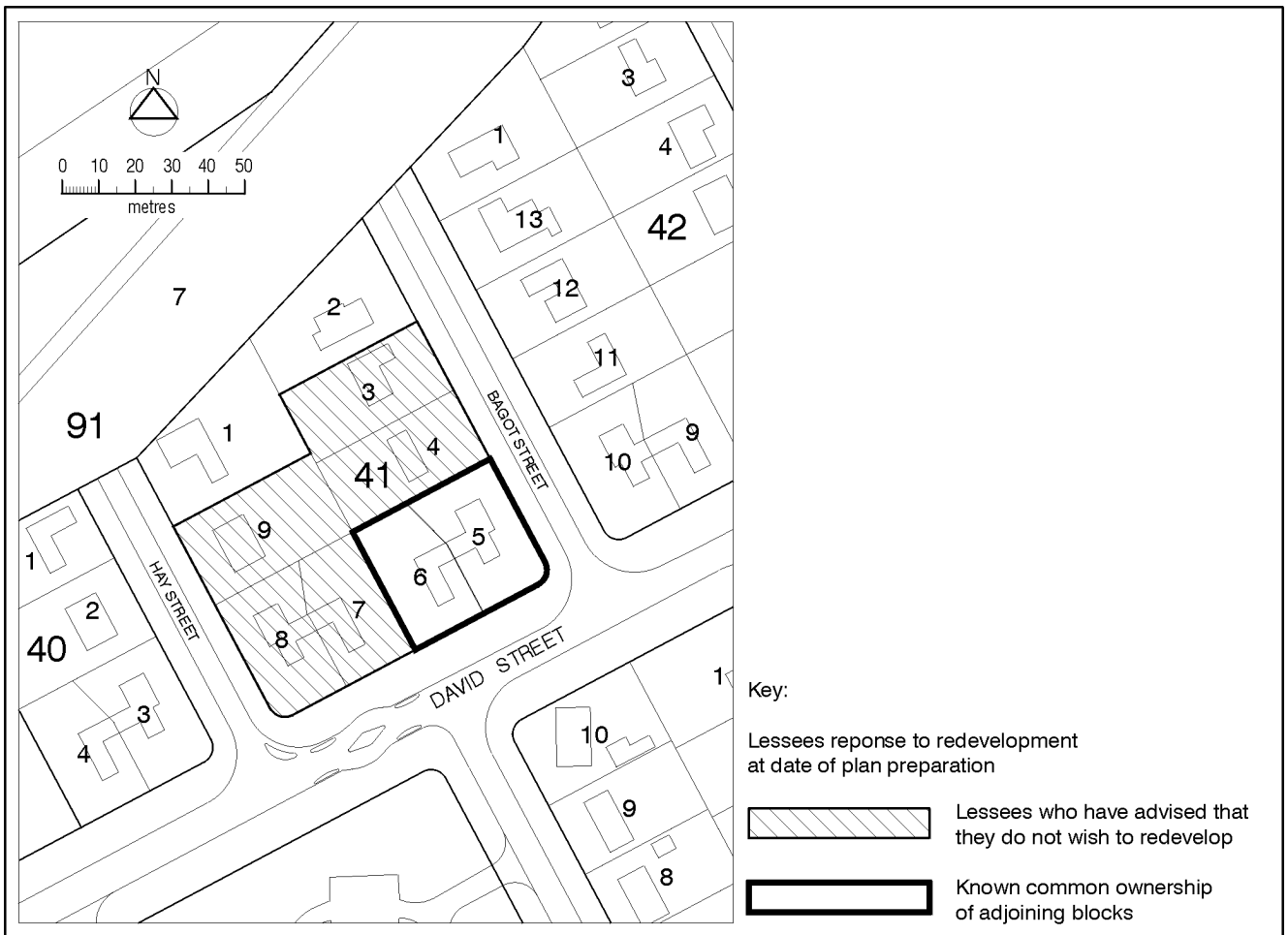
Block and street dimensions



The block depths are between 36 and 43 metres, and frontages are generally between 21 and 24 metres. The blocks are generally regular in shape with the exception of Blocks 1 and 2, which have reserve frontage. Given the adequate frontage of Blocks 1 and 2 their irregularity will not affect future development.

The paired houses (Blocks 5 to 8) have an angled side boundary related to the existing dwelling shape that will be awkward for redevelopment.

Known lessee information



Blocks 5 and 6 are in common ownership.

As a result of the lessee questionnaire undertaken, individual meetings with lessees and public meetings some lessees have indicated that they do not wish to redevelop.

Possible development outcome drawings take into account this information and indicate a possible development outcome excluding these blocks.

IMPLEMENTATION

Design criteria

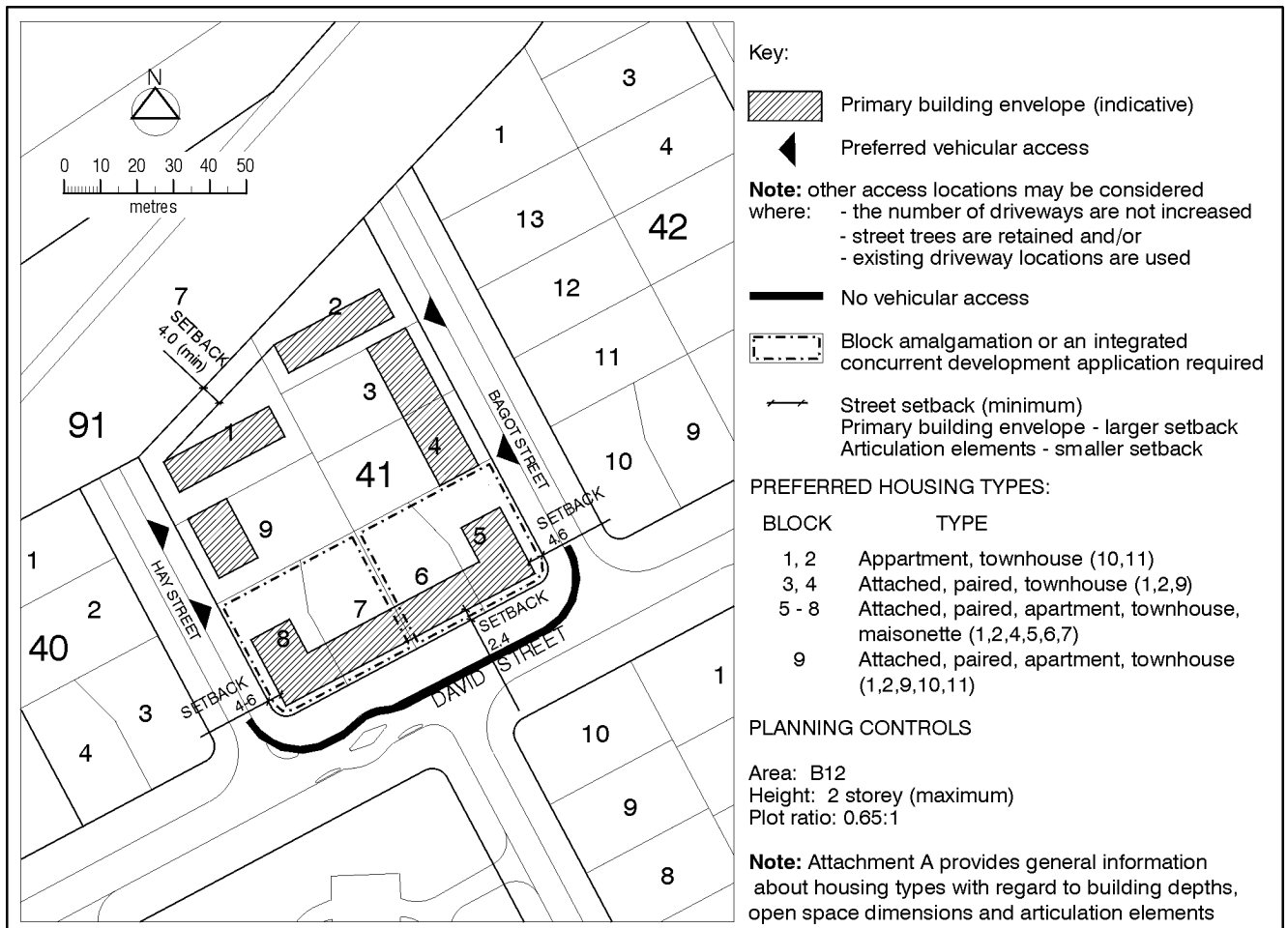
Specific provisions of this Control Plan are “*Acceptable Standards*” under the Code.

The criteria used to produce the Control Plan for this section are as follows:

- Protect the amenity of residents that do not want to redevelop
- Provide passive surveillance of the street and Sullivans Creek corridor
- Provide buildings with northern frontage on Blocks 1 and 2
- Retain street trees
- Utilise existing driveway locations for vehicular access where possible
- Encourage shared vehicular access where appropriate
- Restrict access from David Street (access from Bagot and Hay Streets only)
- Avoid garages dominating the street frontage
- Maximise street address for new dwellings
- Encourage dwelling entries to face the street
- Identify appropriate parking provision
- Establish an appropriate streetscape.

Control plan

The Control Plan is consistent with the Urban Design Principles at Attachment C and the above design criteria.



Setbacks

The following table sets the minimum setbacks required for development proposals to boundaries of lessees who have advised that they do not want to redevelop.

Section 41-Block	Acceptable standard
1	<ul style="list-style-type: none"> Setback to the southern boundary - 6.0m (min)** Setback to the eastern boundary - GFL - 1.0m (min) * - UFL - 6.0m (min) **
2	<ul style="list-style-type: none"> Setback to the southern boundary - 6.0m (min)**
5	<ul style="list-style-type: none"> Setback to the northern boundary - GFL - 1.0m (min.) * - UFL - 2.5m (min) *
6	<ul style="list-style-type: none"> Setback to the northern boundary - GFL - 1.0m (min.) * - UFL - 2.5m (min) * Setback to the western boundary - GFL - 1.0m (min) * - UFL - 2.7m (min) *
Notes:	Street setbacks are indicated on the Control Plan
	Notwithstanding compliance with the above setbacks, the wall height and roof pitch of buildings shall minimise the overshadowing impact on adjoining blocks where the lessee have indicated that they do not wish to redevelop
	Except where otherwise stated the Code applies
	Differences in building height between existing dwellings on the adjacent block and new development are not more than one story when viewed from the street, for the full length of the block.
	The above requirements (setback and height) may be varied where the development intentions of the adjoining lessee changes, and that change (supporting the proposal) is documented as part of a development application
	GFL/UFL means - ground floor level/upper floor level
	* - to be blank walls, windows with high sill windows (minimum 1.7m high) or with obscure glazing or screen walls
	** - overlooking provisions of the Code also apply.

Dual occupancies

Where dual occupancy is proposed, the placement of buildings are to have regard for the Design criteria and are to apply Housing Types 1, 2 or 9 (see Attachment A for details).

Parking

Section 41 is located in close proximity to:

- employment (Civic, Braddon, Dickson ANU, Northbourne Avenue corridor etc)
- commercial uses (shops, offices, services etc)
- community facilities (schools, child care, churches, health etc)
- trunk cycle paths.

In addition, the section has:

- good access to public transport
- no on-street parking restrictions
- low vehicle speed environment.

These factors are considered to demonstrate that the objectives of the *ACT Parking and Vehicular Access Guidelines* are met by the following provision:

Resident parking (minimum)

- 1 space/unit for single bedroom dwellings
 - 1.5 spaces/unit for dwellings with two or more bedrooms
- OR
- 1.25 spaces/unit for two or more bedroom units if provision beyond one space is to be shared.

Visitor parking

May be permitted on-street where short stay parking (two to three hours) traffic control devices are installed.

Block amalgamation or Integrated Development requirements

The Control Plan generally allows any block to be redeveloped at any time. However, some blocks have awkward boundary configurations and/or shared walls with adjoining dwellings. In response to these type of blocks and in order to achieve the intentions of the Control Plan, the lessee are required to:

1. amalgamate their blocks into a single block
- OR
2. lodge concurrent development applications for each block where:
 - the proposal is consistent with the Control Plan
 - the development application is based on an integrated plan
 - the proposal has the written consent of all affected lessees.

Shared driveways and accessways

Where shared driveways and internal accessways are proposed by one or more lessee's, they are required to:

- be consistent with the Control Plan
- vary their lease(s) to include clauses which address issues such as, elements to be provided (eg. lighting, landscaping), easements, access and maintenance.

Mixed use commercial.

Not applicable (B11 areas only).

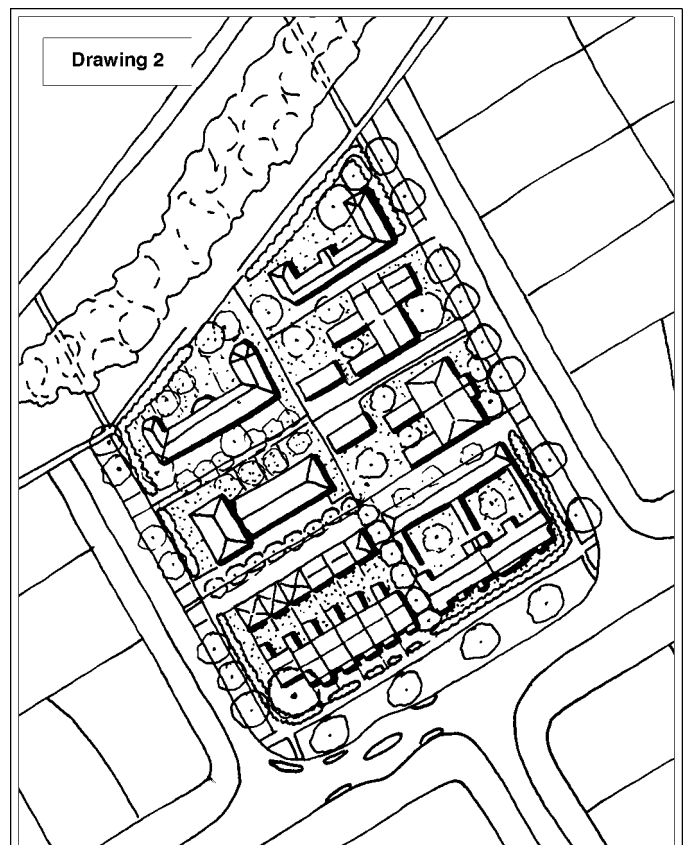
Development outcome drawings



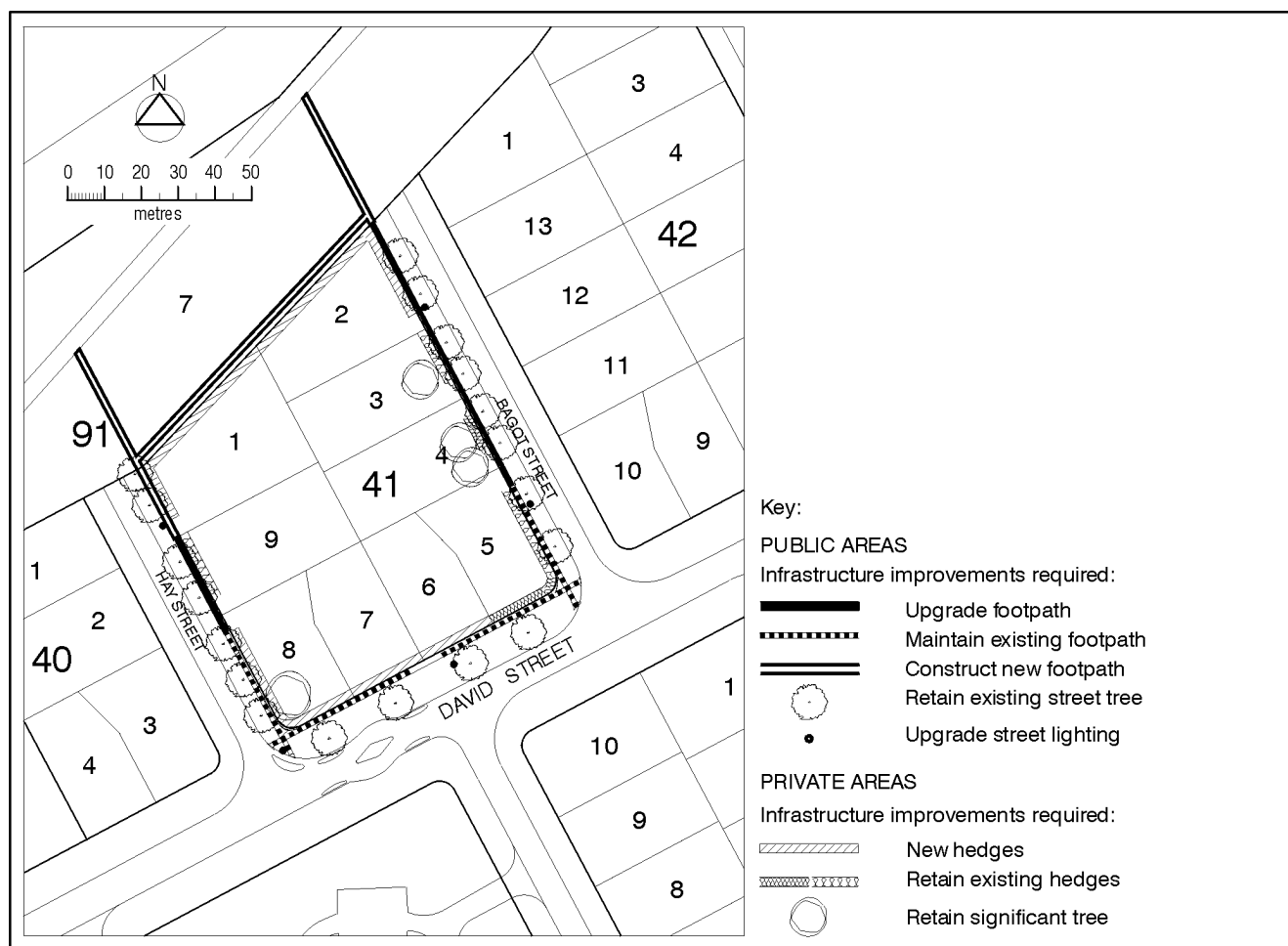
These drawings illustrate how the redevelopment of the section may proceed within current known constraints such as lessee intentions, tree retention and other factors (Drawing No:1). As these constraints change over time the development may move towards an eventual development outcome (Drawing No:2) which is considered to meet the intentions of the Control Plan.

Possible development outcomes Drawing No:1 illustrates a possible outcome based on the Control Plan, and takes into account the known desires of those lessees who do not wish to redevelop their properties, at the time of preparing the section master plan.

Possible development outcomes drawing No:2 illustrates a possible later outcome for a section when all blocks are redeveloped. The drawing illustrates the operation of the Control Plan in achieving integrated development of the section.



Required improvements to public and private areas



Public areas

Proponents will be required to contribute to relevant elements of the following improvements as part of development approvals in this section.

- Footpaths to Hay and Bagot Streets are to be replaced and extended to the trunk cycle path in the reserve
- A new footpath is to be provided across the northern frontage of Blocks 1 and 2 to Sullivans Creek reserve to facilitate pedestrian access for residents to the reserve. (Improved public pedestrian access will improve the passive surveillance and general public safety of the area)
- Short stay parking (two to three hours) traffic control devices are to be installed to the satisfaction of the relevant authority
- Streetlights are to be upgraded
- Street trees generally are in good condition. However, Hay and Bagot Streets due to the scale and on-going maintenance issues associated with the established street trees (*Crataegus* sp.) Canberra Urban Parks and Places (DUS) would support a species change, subject to resident consultation.
- Verge planting is to be grass and street trees, all other planting /gardens (not approved) are to be removed
- Replacement driveways are to be in bitumen to reinforce the existing streetscape character.

Private areas

Landscape

Significant trees are to be retained. These trees have been identified by aerial photography and confirmed by street inspection. A comprehensive survey accurately locating all trees and hedges and assessing condition, value and life expectancy, will be required as part of the development application. The survey and report is to be undertaken and prepared by a suitably qualified person (eg. horticulturalist, arborist).

There are other large trees in the section which are not identified as “*significant trees to be retained*”. They include trees that are;

- not “significant” in neighbourhood or streetscape qualities
- in poor condition
- damaged or inappropriate form
- adversely affecting solar access of neighbouring dwellings, etc.

The long term retention of both significant and non-significant trees and other vegetation will be determined at the development application stage.

Side/rear boundary setback areas are to include screen planting.

Generally, hedges (which may include gates) are to be retained and extended to provide a consistent streetscape and privacy. Shrub species proposed for hedges (replacement or extension) are not to be weed species.

Internal accessways

The predominant internal accessway surface is to be bitumen with unit pavers or concrete strips used to mark transition zones, parking bays, and pavement edges. Shared and visitor car spaces (where proposed) are to be distinguished from the internal accessway by a change of material.

Basements entries

Basement entries are preferably located away from the street frontage so as to limit the impact of basement entries and ramps on the streetscape. A maximum of one basement entry per two blocks or 40 metres street frontage (whichever is the greater), is permissible.

Garbage enclosures

Garbage bin storage areas and enclosures are not to face public areas. These areas and structures are to be located to the rear of dwellings or incorporated into the building itself.