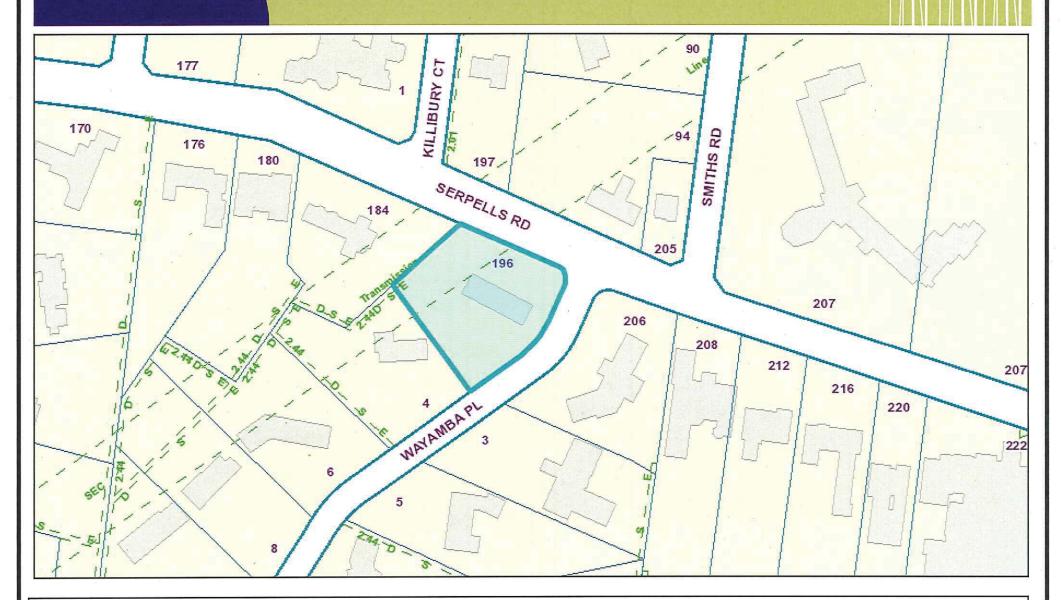
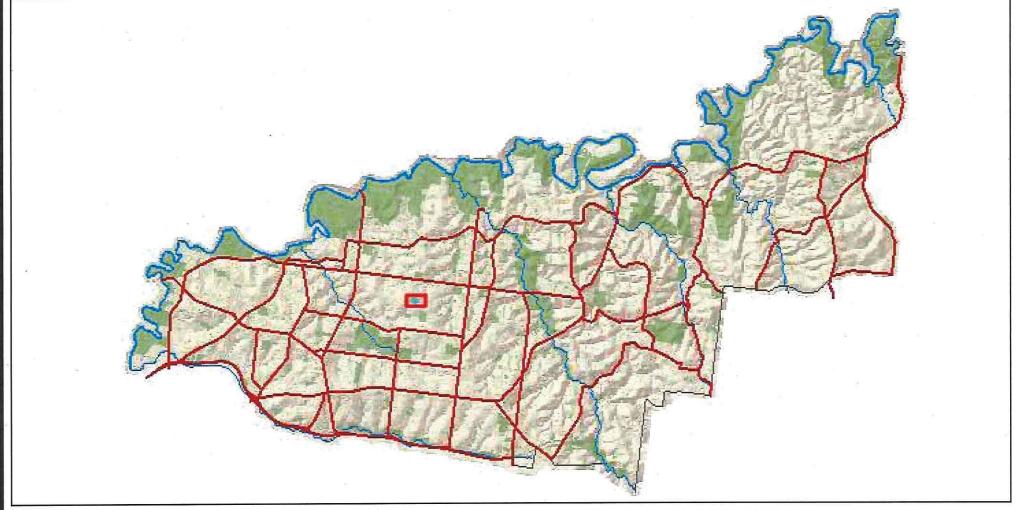


Maps of Manningham





Subject Land

Address:

196-198 Serpells Road TEMPLESTOWE VIC, 3106

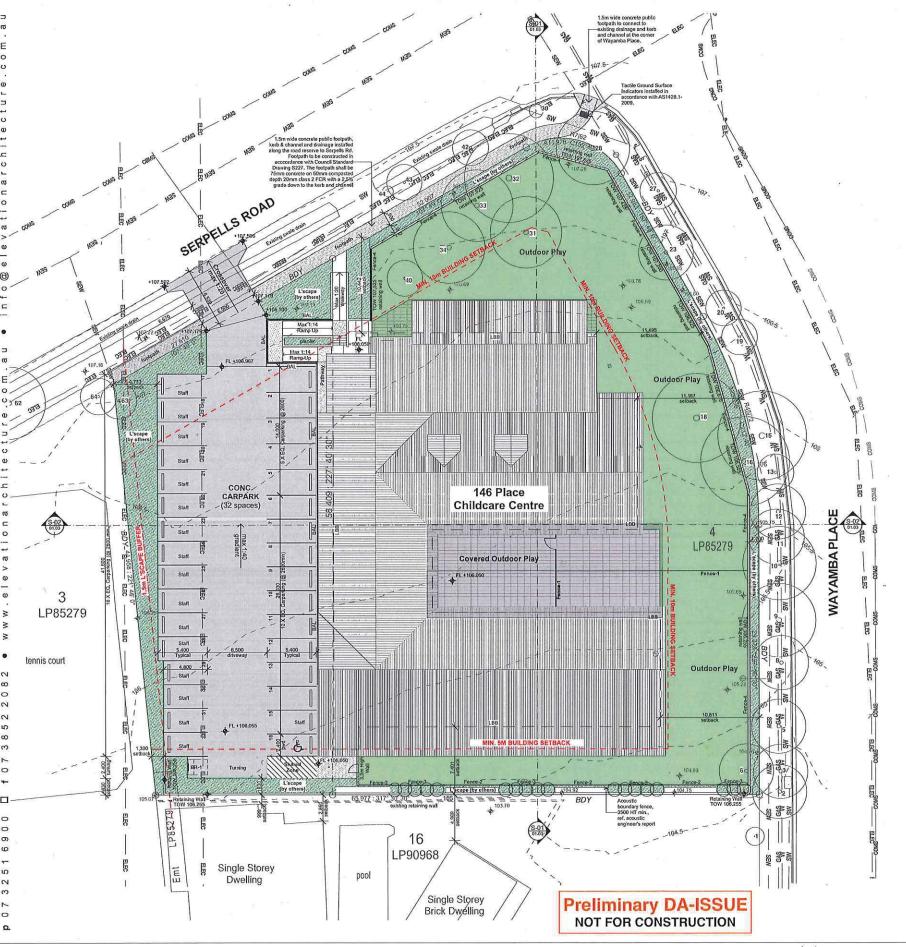
Whilst all care has been taken in the preparation of this cadastral base map, Manningham and the State of Victoria accepts no responsibility for the accuracy of any information shown. Users should rely on their own enquiries in order to validate information shown on this map. This information is for Demonstration only.



1:2,500 Metres 50 100

15/08/2018 3:15 pm

Produced by Manningham GIS



PLANNING AND ENVIRONMENT ACT 1987

ADVERTISED PLANS

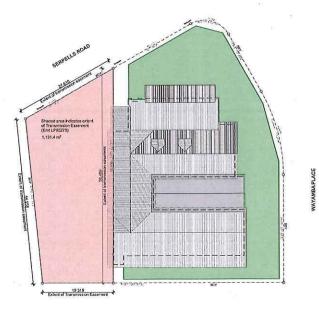
SITE PLANILEGEN Pation Numbbevel OPMENT INFO

Ensure retaining wall and fence does not exceed 2.0m in height to any adjacent properties.

 All relaining walls over 1.0m in height to be structurally certified and comply with QDC. Landscaping to be constructed generally in accordance with approved Landscape Architect

SITE INFORMATION

Lot 4 on LP85279 & Emt on LP85279 Manningham City Templestowe



Proposed Transmission Easement

Site Plan

scale: 1:200 @ A1



Rev	Description	Date	Rev	Description
A	DA RFI ISSUE	21/03/2018	H	
A B	Issue for information	29/03/2018		
C	Issue for information	26/04/2018		
C D	DA RFI Issue	27/04/2018	87	
			-	
			3	I,

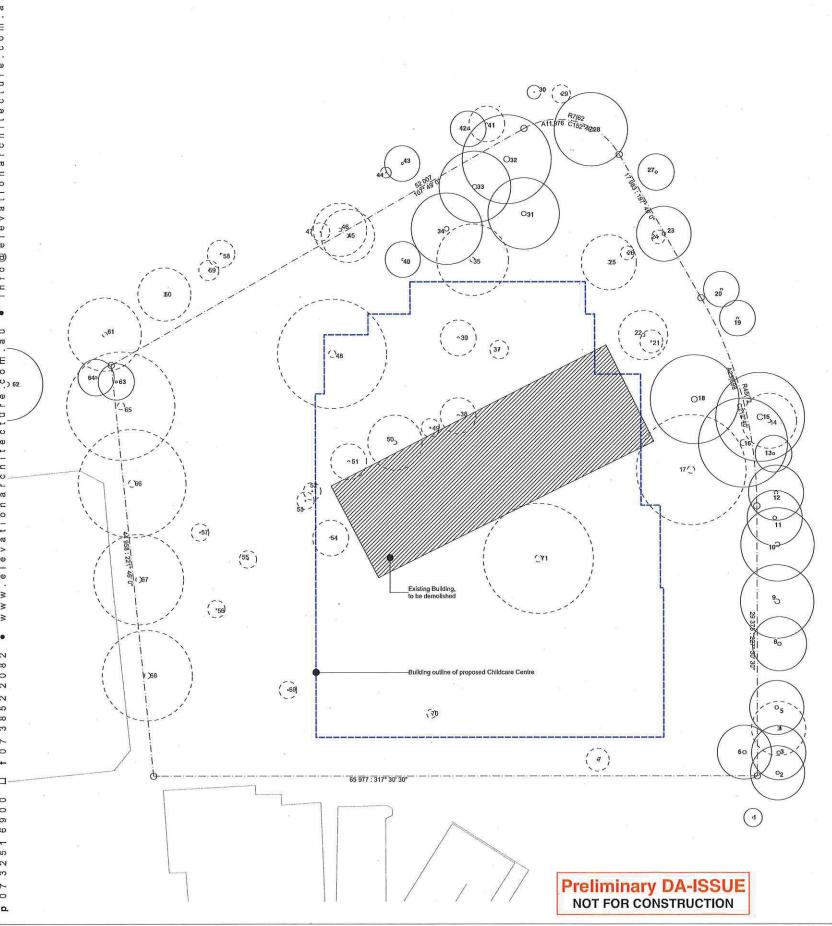
TEMPLESTOWE CHILDCARE 196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP



Development Application

project no: 0959-12 A-DA-01.01 D



ADVERTISED PLANS TREE TYPES LEGEND Planning Application NumbSITEDEMORYTION 1) StatuBate: 15 May 2018 Existing Sheet 3 of 14 Tree Number | Significance Tree Name (Commor Photinia Photinia part of a planning Be Demolished purpose of enabling its unnesidential networks the second part of a planning Bibbless under the Planning and ENTRE ment Act 1987. Photinia document must have be Demolished purpose which may breach any Copyright. Low Photinia Existing Desert Ash To Be Demolished Photinia Existing 3.64 Photinia Existing 2.22 Medium Water Gum Existing 3.44 Photinia Existing Existing 3.82 low Photinia 3.44 Existing Low Photinia Sweet Pittosporum To Be Demolished Low Photinia Existing Low 3.25 Low Photinia To Be Demolished Low Existing Low 4.97 Existing Low Medium Water Gum Existing Low To Be Demolished Desert Ash To Be Demolished Medium Formosan Sweetgum Existing Sweet Pittosporum To Be Demolished Low Photinia To Be Demolished Low Monterey Pine To Be Demolished Medium Pyramid Tree Existing 4.97 Medium Desert Ash Existing To Be Demolished Low Blackwood Blackwood Existing Existing Medium 5.81 Pin Oak Existina Photinia Low Existing Photinia Low Photinia Low Photinia To Be Demolished Low To Be Demolished Low Sweet Pittosporum To Be Demolished Low To Be Demolished Leyland Cyprus Low Blackwood To Be Demolished 2.00 Blackwood Existing Blackwood Existing 2.00 Blackwood Existina To Be Demolished Medium Swamp Gum To Be Demolished Low Swamp Gum Low Coast Banksia To Be Demolished Sweet Pittosporum To Be Demolished Low To Be Demolished Japanese Privet Low Sweet Pittosporum To Be Demolished Low To Be Demolished Desert Ash Low Sweet Pittosporum To Be Demolished Low Sweet Pittosporum To Be Demolished Low To Be Demolished Low Nectarine Tree Loquat Tree Low To Be Demolished Low Lemon Tree Low Lemon Tree To Be Demolished Low Desert Ash To Be Demolished Low Berry Heath To Be Demolished Sweet Pittosporum To Be Demolished Monterey Pine To Be Demolished Low 4.35 Desert Ash Existing 2.00 Low Sweet Pittosporum Existing Low Spotted Gum Existing Low Photinia To Be Demolished To Be Demolished Low Photinia To Be Demolished Low Photinia To Be Demolished hotinia Low

Site Plan - Tree Removal

scale: 1:200 @ A1

Fig Tree

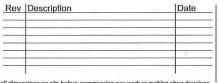
Loquat Tree

Yellow Gum

Low



Rev	Description	Date
Α	DA RFI ISSUE	21/03/2018
В	DA RFI Issue	27/04/2018
	10	



TEMPLESTOWE CHILDCARE 196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP



Development Application

To Be Demolished

To Be Demolished

project no: 0959-12 A-DA-01.02 B

PLANNING AND ENVIRONMENT ACT 1987

Indicates existing trees (as per current site survey), to be removed

CONC. CARPARK (32 spaces) Preliminary DA-ISSUE NOT FOR CONSTRUCTION

Floor Plan (STAGE 1 & 2)

scale: 1:200 @ A1

Development Application

project no: 0959-12 A-DA-03.02 C

PLANNING AND ENVIRONMENT ACT 1987 MANNINGHAM PLANNING SCHEME ADVERTISED PLANS

nning Application NumberLQQROZLAN LEGEND

(3.5m High)
Acoustic Fence Type 3 - Screer
(3.5m High)
Acoustic Fence Type 4 - 1.8m I
Floor Level
Line of Roof Over
Outside School Hours Care
Screen

Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited. property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

Figured dimensions take preced
P:\Data 1\0959-12 Templestowe Childcare Centre\5.2 Development Application\5.2.1 ArchiCAD\0959-12_DA_Master_RFI.pln

Rev Description

TEMPLESTOWE CHILDCARE

196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

A 65 977 : 317° 30' 30"

Preliminary DA-ISSUE NOT FOR CONSTRUCTION

Rev Description

TEMPLESTOWE CHILDCARE

CHLOEL GROUP

196-198 Serpells Rd Templestowe VIC

Roof Plan

scale: 1:200 @ A1



Development Application

PLANNING AND ENVIRONMENT ACT 1987 MANNINGHAM PLANNING SCHEME ADVERTISED PLANS

Planning Application Number (2017/1656AND)
Date: 15 May 2018
Sheet 8 of 10p
Downplpe
EG
Egues Gutter

This document is made available for the sole purpose of enabling paying insideration and reason as part of a planning process under the Planning a weight of the paying few Act 1987.

The document must not be used for any purpose which may breach any Copyright

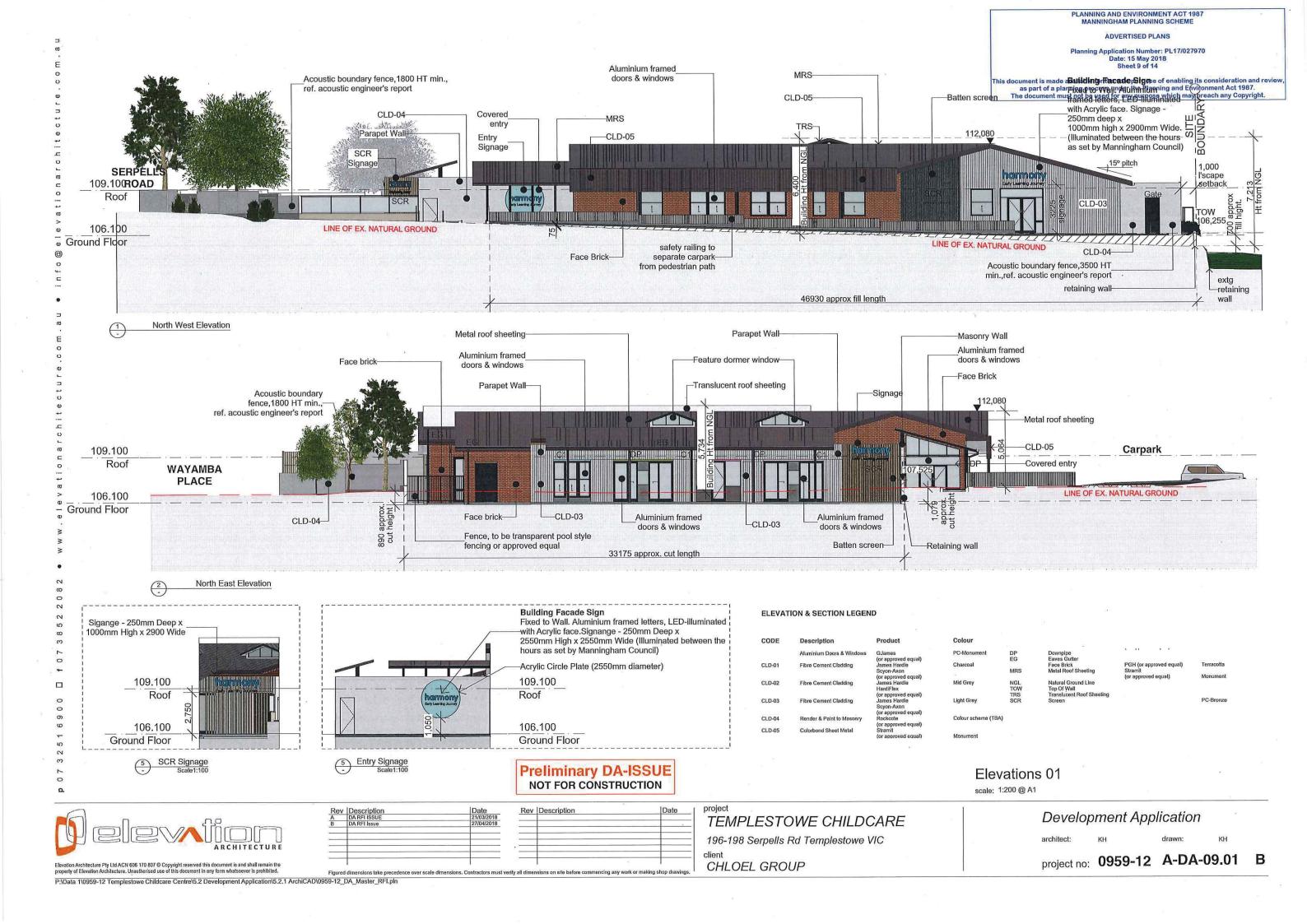
project no: 0959-12 A-DA-04.01 B

Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited. property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

P:\Data 1\0959-12 Templestowe Childcare Centre\5.2 Development Application\5.2.1 ArchiCAD\0959-12_DA_Master_RFLpIn





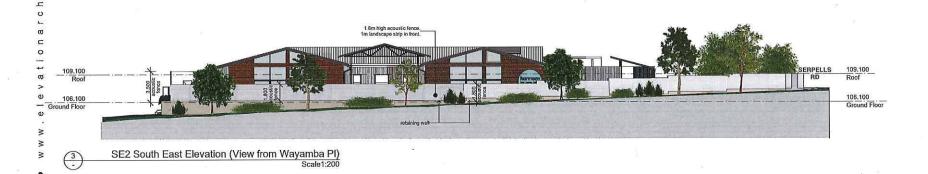


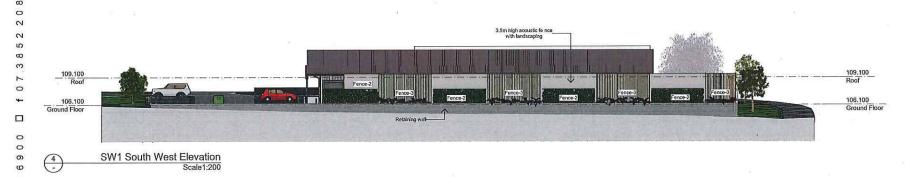


NW1 North West Elevation









Preliminary DA-ISSUE NOT FOR CONSTRUCTION

Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

Rev	Description	Date
4	DA RFI ISSUE	21/03/2018
3	DA RFI Issue	27/04/2018

Rev	Description	Date
-		

TEMPLESTOWE CHILDCARE 196-198 Serpells Rd Templestowe VIC CHLOEL GROUP

Elevations (with fencing)

scale:

Development Application

PLANNING AND ENVIRONMENT ACT 1987

ADVERTISED PLANS

doc**រកិស្សិត** is mad**ៃនុះជារូវទោ**ខ for the sole **purples** of enabling its co**ស្ទle**មfation and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any <u>ស្រុកព្រះក្នុងរបស់ស្រ</u>ា may breach any copyright.

PGH (or approved equal) Stramit (or approved equal)

Colour scheme (TBA)

PC-Bronz

ELEVATION & SECTION DEGEND Number: PL17/027970 Date: 15 May 2018 Sheet 11 of 14

Colorbond Sheet Meta Downpipe Eaves Gutter Face Brick Metal Roof Sheeting

Natural Ground Line Top Of Wall Translucent Roof She

CLD-02

CLD-05

MRS

project no: 0959-12 A-DA-09.03 B

P:\Data 1\0959-12 Templestowe Childcare Centre\5.2 Development Application\5.2.1 ArchiCAD\0959-12_DA_Master_RFI.pln

PLANNING AND ENVIRONMENT ACT 1987 MANNINGHAM PLANNING SCHEME

ADVERTISED PLANS

ELEVATION & SECTION DEGEND Number: PL17/027970 Date: 15 May 2018 Sheet 12 of 14

This document is mad**less มักมีเอาะ** for the sole **เ**ดียงในช่อง of enabling its co**ดีย์เลียร**ation and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any (มายากระบบเล้า may breach any copyright.

The document must must must mot be used for any breach any copyright

CLD-01 Fibre Cement Cladding Syon-Axon (or approved equal)

CLD-02 Fibre Cement Cladding HardiFlex (or approved equal)

CLD-03 Fibre Cement Cladding HardiFlex (or approved equal)

CLD-04 Render & Paint to Masonry (or approved equal)

CLD-05 Colorbond Sheet Metal (or approved equal)

CLD-05 Colorbond Sheet Metal (or approved equal)

DP Downpipe

EG Eaves Gutter Face Brick PGH (or approved equal) (or approved equal)

Metal Roof Sheeting (or approved equal) (or approved equal)

Stramit (or approved equal) (or approved equal)

Stramit (or approved equal) (or approved equal)

Monument (or approved equal) (or approved equal) (or approved equal)





Preliminary DA-ISSUE
NOT FOR CONSTRUCTION

Elevations - Streetscape

scale: 1:100 @ A1



Rev	Description	Date	Rev	Description	
1	DA RFI ISSUE	21/03/2018			
3	DA RFI Issue	27/04/2018			
		15			
			1		
	lg.	1		E.	

TEMPLESTOWE CHILDCARE

196-198 Serpells Rd Templestowe VIC

196-198 Serpells Rd Templestowe VIC client CHLOEL GROUP

Development Application

chitect:

drawn:

iwn: KH

project no: 0959-12 A-DA-09.04 B

P:\Data 1\0959-12 Templestowe Childcare Centre\5.2 Development Application\5.2.1 ArchiCAD\0959-12_DA_Master_RFI.pln

TEMPLESTOWE CHILDCARE CENTRE

CALCULATION OF AREAS

INTERNAL PLAY AREAS: 3.25 sqm clear required per child

Room Number	Room	Age Group	Occupancy	Min. Area Req. (m2)	Area Provided (m2)	Staff Ratio	No. of Staff
105	Activity Room 1	Age: 2-3 years	20	65	79.81	1:4	5
108	Activity Room 2	Age: 2-3 years	20	65	85.90	1:4	5
111	Activity Room 3	Age: 12-24 months	16	52	58.42	1:4	4
116	Activity Room 4	Age: 0-12 months	8	26	31.65	1:4	2
119	Activity Room 5	Age: 0-12 months	8	26	31.66	1:4	2
134	Activity Room 6	Age: 3+ years	22	71.5	80.49	1:11	2
137	Activity Room 7	Age: 4+ years	22	71.5	85.97	1:11	2
140	Activity Room 8 (OSHC)	Age: 5+ years (OSHC)	22	71.5	80.97	1:11	2

EXTERNAL PLAY AREAS: 7 sqm clear required per child

	PL	AY AREA CA	LCULATIONS	
Zone Number	Full Element ID	Occupancy	Area Required (m2)	Area Provided (m2
001	Age: 1-3 years	56	392	863.37
002	Age: 0-1 years	16	112	122.67
003	Age: 3+ years	66	462	483.31
TOTALS		138	966	1449.83m²

SITE INFORMATION

RPD	Lot 4 on LP85279 & Emt on LP85279
Local Authority: Locality:	Manningham City Templestowe
Site Area:	Approx 3.874 m²

DEVELOPMENT INFO

LANDSCAPE (excl. play area)

138

GFA	
Stage 1 GFA	983.6m²
Stage 2 GFA	179.1m²
TOTAL GFA	1162.7m ²
SITE COVER	29%

Carparks Required	30 s
0.22 spaces per child	

PARK AREA	783
	= 2

CITE DI ANTI ECEND

AC	Air Conditioning Unit
В	Bollard
BAL	Balustrade - Safety railing
BDY	Boundary
CONC	Concrete
ELEC	Electrical
F1	Fence Type 1 - Pool fencing
F2	Fence Type 2 (acoustic) - Solid
	Wall (2.5m High)
F3	Fence Type 3 (acoustic) - Lapped
	Timber Fence (2.5m High)
F4	Fence (acoustic) Type 4 - Glass Balustrade on Rendered Masonry Wall (min 1.8m High)
F5	Fence Type 5 (acoustic) - Rendered Masonry Wall (min 1.8m High)
F6	Fence Type 6 - Powdercoated aluminium slats on Rendered Masonry Wall
FH	Fire Hydrant
HC	Hose Cock
LBB	Line of Building Below
SEW	Sewer
SW	Storm Water
TOW	Top of Wall
NOTES	

- Ensure retaining wall and fence does not exceed 2.0m in height to any adjacent properties.
- All retaining walls over 1.0m in height to be structurally certified and comply with QDC.
 Landscaping to be constructed

FOR DISCUSSION

SITE INFORMATION

Real Property Description: Lot 4 on LP85279 & Emt on LP85279

DESIGN **DEVELOPMENT**

NOT FOR CONSTRUCTION

CHILDCARE CENTRE 196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

TEMPLESTOWE

DEVELOPMENT APPROVAL

Proposed Site Plan

scale: 1:200 @ A1

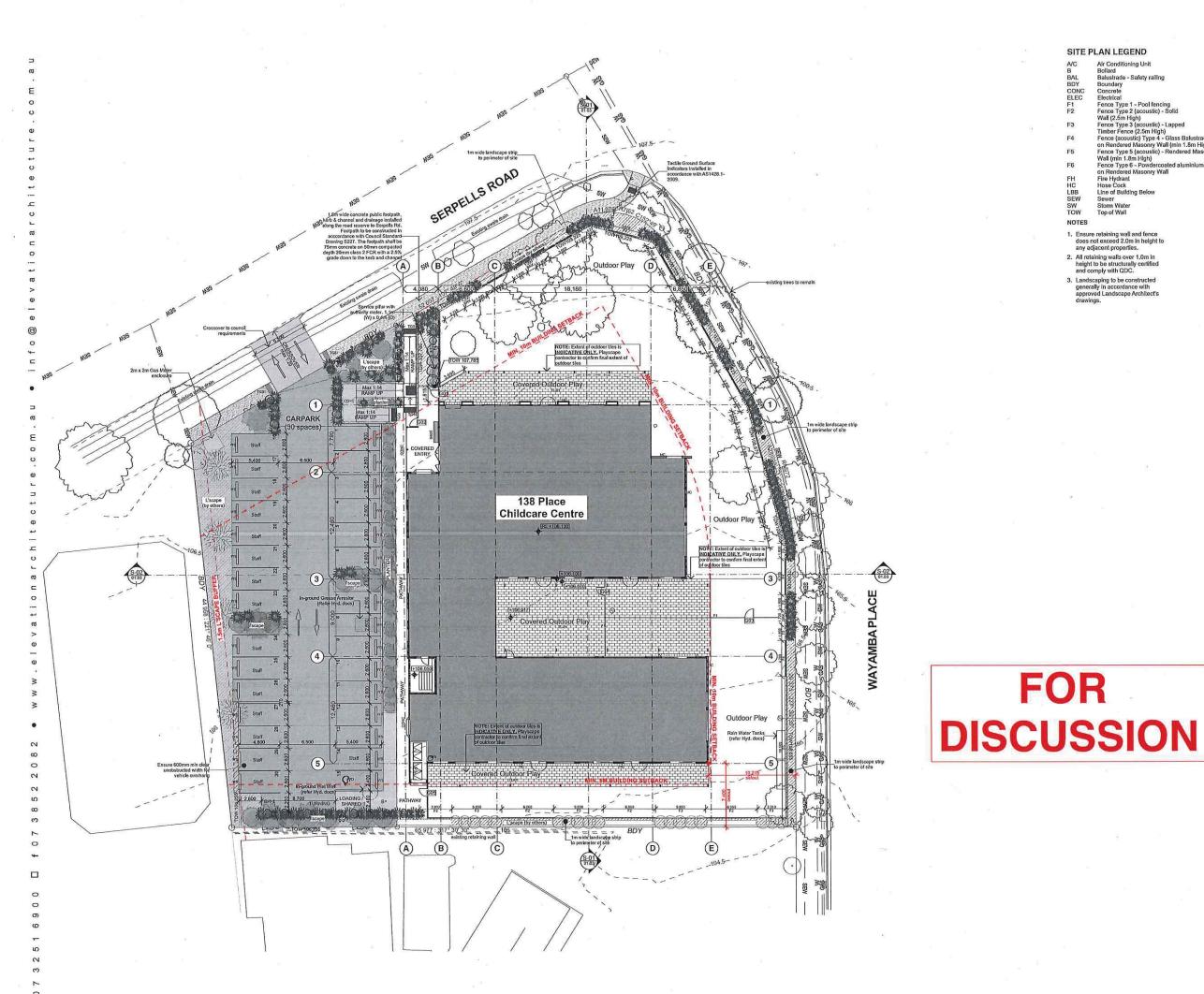
drawn:

0959-12

A-WD-01.03

05





SITE PLAN LEGEND

FOR

- Landscaping to be constructed generally in accordance with approved Landscape Architect's

DESIGN DEVELOPMENT NOT FOR CONSTRUCTION

TEMPLESTOWE CHILDCARE **CENTRE**

196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

DEVELOPMENT **APPROVAL**

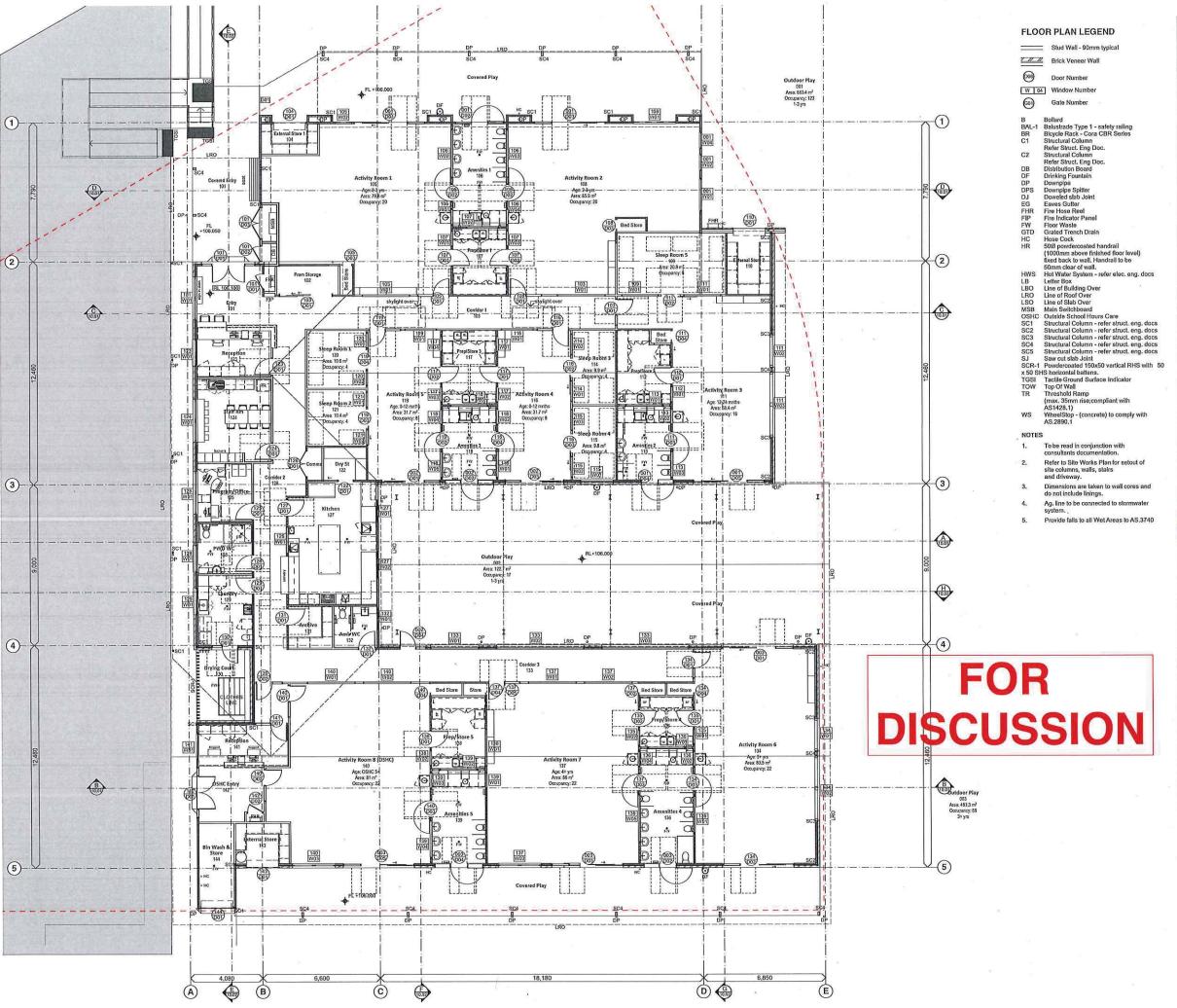
Proposed Site Works Plan

scale: 1:200 @ A1 architect: 0959-12

project no:

05

A-WD-01.04



DESIGN DEVELOPMENT

NOT FOR CONSTRUCTION

Rev	Description	Date
1	Preliminary Coordination Issue	09/05/2018
2	Consultant Coordination Issue	24/05/2018
3	Consultant Coordination Issue	13/06/2018
4	Preliminary Tender Issue	18/07/2018
5	Preliminary Tender Issue	19/07/2018
6	Issue for Discussion	01/08/2018

igured dimensions take precedence over scale dimensions.
Contractors must verify all dimensions on site before



Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

proje

TEMPLESTOWE CHILDCARE CENTRE

196-198 Serpells Rd Templestowe VIC

clien

CHLOEL GROUP

stage

DEVELOPMENT APPROVAL

drawing

Floor Plan - Ground Floor

scale: 1:100 @ A1

architect:

roject no:

0959-12

KH

A-WD-03.01

06



1 View from Serpells Road



2 View from Serpells Road

DESIGN DEVELOPMENT NOT FOR CONSTRUCTION

FOR DISCUSSION

3D Views

scale: 1:1 @ A1



Rev 01	Description Issue for Discussion	Date 01/08/2018	J
01	Issue for Discussion	01/08/2018	-
			920
			-
		-	72
			12
		18	

Rev	Description	Date
		(

TEMPLESTOWE CHILDCARE CENTRE 196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

DEVELOPMENT APPROVAL

project no: 0959-12 A-WD-24.01 01

Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited. properly of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

P:\Data 1\0959-12 Templestowe Childcare Centre\5.4 Contract Documentation\5.4.1 ArchiCAD\0959-12_CD_Easement Testpln



2 View from corner of Wayamba Place and Serpells Road



1 View from Wayamba Place

DESIGN DEVELOPMENT NOT FOR CONSTRUCTION

FOR DISCUSSION

3D Views

scale: 1:1 @ A1



TEMPLESTOWE CHILDCARE CENTRE

196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

DEVELOPMENT APPROVAL

project no: 0959-12 A-WD-24.02 01



2 View of OSHC Entry



Carpark View

DESIGN DEVELOPMENT NOT FOR CONSTRUCTION

FOR DISCUSSION

3D Views

scale: 1:1 @ A1



TEMPLESTOWE CHILDCARE CENTRE 196-198 Serpells Rd Templestowe VIC

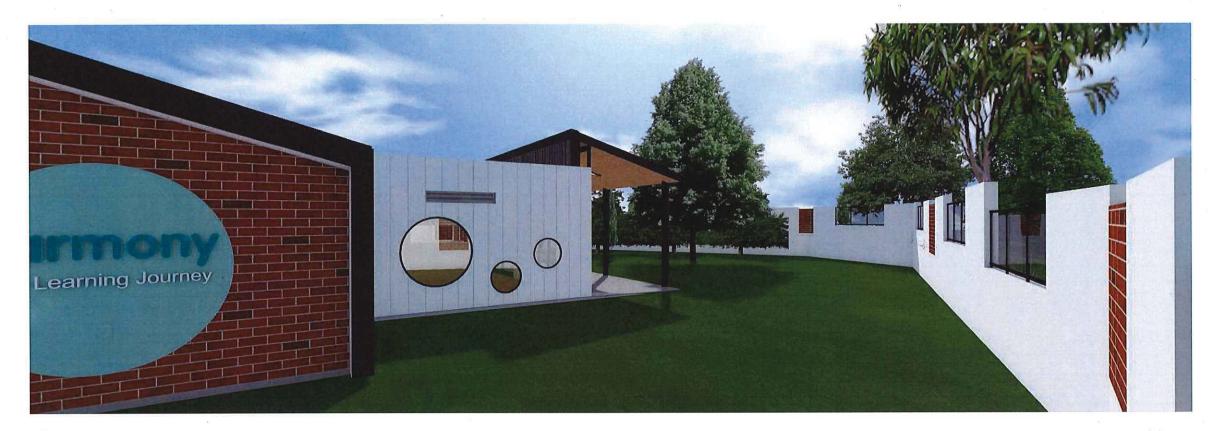
CHLOEL GROUP

DEVELOPMENT APPROVAL

Elevation Architecture Pty Ltd ACN 606 170 807 © Copyright reserved this document is and shall remain the property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited. property of Elevation Architecture. Unauthorised use of this document in any form whatsoever is prohibited.

P:\Data 1\0959-12 Templestowe Childcare Centre\0.4 Contract Documentation\0.4.1 ArchicAD\0959-12_CD_Easement Testpln

project no: 0959-12 A-WD-24.03 01



Playscape View



2 Playscape View

DESIGN DEVELOPMENT
NOT FOR CONSTRUCTION

FOR DISCUSSION

3D Views

scale: 1:1 @ A1



Rev Description Date
1 Issue for Discussion 01/08/2018

Rev Description Date

TEMPLESTOWE CHILDCARE CENTRE

196-198 Serpells Rd Templestowe VIC

CHLOEL GROUP

DEVELOPMENT APPROVAL

chitect: KH

drawn.

project no: 0959-12 A-WD-24.04 01

5. LEGISLATIVE REQUIREMENTS

5.1 PLANNING AND ENVIRONMENT ACT 1987 (THE ACT)

The *Planning and Environment Act 1987* is the relevant legislation governing planning in Victoria. The Act identifies subordinate legislation in the form of Planning Schemes to guide future land use and development.

Section 60 of The *Planning and Environment Act*, requires the Responsible Authority to consider the following before deciding on an application:

- The relevant planning scheme;
- The objectives of planning in Victoria;
- All objections and other submissions which it has received;
- Any decision and comments of a referral authority which it has received; and
- Any significant effects which the responsible authority considers the use or development may have on the environment or which the responsible authority considers the environment may have on the use or development.

Section 61(4) of the Act makes specific reference to covenants. Under Section 61(4) of the *Planning & Environment Act 1987* the Responsible Authority must not issue a planning permit that would result in a breach of a registered restrictive covenant.

5.2 MANNINGHAM PLANNING SCHEME

Clauses of the Manningham Planning Scheme the Responsible Authority must consider:

- Planning Policy Framework
- Clause 32.03 Low Density Residential Zone
- Clause 42.03 Significant Landscape Overlay, Schedule 1
- Clause 52.05 Signs
- Clause 52.06 Car Parking
- Clause 65 Decision Guidelines

Zone

Clause 32.03 Low Density Residential Zone

The purpose of the Low Density Residential Zone is:

- To implement the Municipal Planning Strategy and the Planning Policy Framework.
- To provide for low-density residential development on lots which, in the absence of reticulated sewerage, can treat and retain all wastewater.

A permit is required for a Section 2 use – child care centre.

A permit is required to construct or carry out a building or works associated with a Section 2 use.

Before deciding on an application, in addition to the decision guidelines in Clause 65, the responsible authority must consider the Municipal Planning Strategy and the Planning Policy Framework.

This zone is in Signage Category 3.

Overlay

Clause 42.03 Significant Landscape Overlay, Schedule 1

Landscape character objectives to be achieved include:

- To encourage development that is in keeping with the vegetated character of the area and is sympathetic to the existing built form.
- To ensure that development responds to the area's landscape and environmental characteristics, including topography, vegetation and waterways.
- To ensure that the visual impact of development is minimised.
- To minimise the visual impact of earthworks on the landscape.
- To minimise the impacts of site run-off and soil erosion on the landscape.
- To promote the retention and establishment of vegetation.
- To avoid, minimise and offset the removal of Victorian native vegetation.
- To maintain the treed character of the low density residential areas.
- To ensure that adequate setbacks are provided to enable the retention and planting of screen shrubs and large canopy trees as part of any development.

A permit is required to construct a building or construct or carry out works.

A permit is required to remove, destroy or lop any vegetation specified in a schedule to this overlay. This does not apply:

- If the table to Clause 42.03-3 specifically states that a permit is not required.
- To the removal, destruction or lopping of native vegetation in accordance with a native vegetation precinct plan specified in the schedule to Clause 52.16.

Before deciding on an application, in addition to the decision guidelines in Clause 65, the responsible authority must consider, as appropriate:

- The Municipal Planning Strategy and the Planning Policy Framework.
- The statement of the nature and key elements of the landscape and the landscape character objective contained in a schedule to this overlay.
- The conservation and enhancement of the landscape values of the area.
- The need to remove, destroy or lop vegetation to create a defendable space to reduce the risk of bushfire to life and property.
- The impact of the proposed buildings and works on the landscape due to height, bulk, colour, general appearance or the need to remove vegetation.
- The extent to which the buildings and works are designed to enhance or promote the landscape character objectives of the area.
- The impact of buildings and works on significant views.
- Any other matters specified in a schedule to this overlay.

State Planning Policy Framework

The relevant sections of the state planning policy framework are as follows:

Clause 15.01-1 (Urban Design) seeks to create urban environments that are safe, functional and provide good quality environments with a sense of place and cultural identity. Strategies towards achieving this are identified as follows:

- Promote good urban design to make the environment more liveable and attractive.
- Ensure new development or redevelopment contributes to community and cultural life by improving safety, diversity and choice, the quality of living and working environments, accessibility and inclusiveness and environmental sustainability.
- Require development to respond to its context in terms of urban character, cultural heritage, natural features, surrounding landscape and climate.

- Ensure transport corridors integrate land use planning, urban design and transport planning and are developed and managed with particular attention to urban design aspects.
- Encourage retention of existing vegetation or revegetation as part of subdivision and development proposals.

Clause 15.01-2 (Urban Design Principle) policy objective is:

 To achieve architectural and urban design outcomes that contribute positively to local urban character and enhance the public realm while minimising detrimental impact on neighbouring properties.

The strategy to achieve this is to apply the listed strategies to development proposals for non-residential development or residential development not covered by Clause 54, Clause 55 or Clause 56.

Responsible Authorities are also required to have regard to the State's *Design Guidelines for Higher Density Housing*, which is referenced at Clause 15.01 of the Scheme.

The strategies include the application of design principles to the proposed development relating to context, public realm, safety, pedestrian spaces, energy and resource efficiency, architectural quality and landscape quality.

Clause 15.01-4 (Design for Safety) policy objective is:

• To *improve* community safety and encourage neighbourhood design that makes people feel safe.

The policy seeks to improve community safety and encourage neighbourhood design that makes people feel safe. The strategy identified to achieve this objective is to ensure the design of buildings, public spaces and the mix of activities contribute to safety and perceptions of safety.

Clause 15.01-5 (Cultural Identity and Neighbourhood Character) policy objective is:

• To recognise and protect cultural identity, neighbourhood character and sense of place.

The clause includes several strategies to achieve this objective, including to:

- Ensure development responds and contributes to existing sense of place and cultural identity.
- Ensure development recognises distinctive urban forms and layout and their relationship to landscape and vegetation.
- Ensure development responds to its context and reinforces special characteristics of local environment and place by emphasising:
- The underlying natural landscape character.
- The heritage values and built form that reflect community identity.
- The values, needs and aspirations of the community.

Clause 15.02-1 Sustainable development: Energy and resource efficiency The policy objective is:

• To encourage land use and development that is consistent with the efficient use of energy and the minimisation of greenhouse gas emissions.

The clause has the following strategies:

- Ensure that buildings and subdivision design improves efficiency in energy use.
- Promote consolidation of urban development and integration of land use and transport.
- Improve efficiency in energy use through greater use of renewable energy.

Support low energy forms of transport such as walking and cycling.

Clause 18.01-1 Integrated Transport: Land use and transport planning The policy objective is:

• To create a safe and sustainable transport system by integrating land-use and transport.

Clause 18.02-1 Movement networks: Sustainable personal transport The policy objective is:

To promote the use of sustainable personal transport.

Clause 18.02-2 Cycling

The policy objective is:

• To integrate planning for cycling with land use and development planning and encourage as alternative modes of travel.

The clause includes several strategies to achieve this objective including to:

Require the provision of adequate bicycle parking and related facilities to meet demand at education, recreation, shopping and community facilities and other major attractions when issuing planning approvals.

Clause 18.02-4 Management of the road system

The policy objective is:

• To manage the road system to achieve integration, choice and balance by developing and efficient and safe network and making the most of existing infrastructure.

Local Planning Policy Framework (LPPF)

Municipal Strategic Statement

Clause 21.03 Key Influences

This clause identifies that future housing need and residential amenity are critical land-use issues that will challenge Manningham's future growth and sustainable development. The MSS acknowledges that there is a general trend towards smaller household size as a result of an aging population and smaller family structure which will lead to an imbalance between the housing needs of the population and the actual housing stock that is available.

This increasing pressure for re-development raises issues about how these changes affect the character and amenity of our local neighbourhoods. In meeting future housing needs, the challenge is to provide for residential re-development in appropriate locations, to reduce pressure for development in more sensitive areas, and in a manner that respects the residential character and amenity valued by existing residents.

Clause 21.06 Low Density

Built form and landscape character

New development should be designed and sited to reinforce and be respectful of the landscape and environmental characteristics of the site and its surroundings. The importance of retaining and enhancing native vegetation cover and in some circumstances pine and cypress tree cover is an intrinsic part of the preferred character of low density residential areas.

Traffic and Carparking

The existing local road network within some parts of the Low Density Residential Zone is characterised by narrow roads, including single lane and unsealed roads, well-vegetated road verges, unmade kerbs and channels and no footpaths. The undulating topography in

these locations can create issues associated with impaired lines of vision for vehicles and limited pedestrian accessibility. This semi-rural road network contributes to the low density character of the area. The intensity of use and development should not detrimentally impact on the capacity or safety of the existing local road network, with all associated car parking to be provided on site.

Economic development issues

Council encourages home occupations as an important means of achieving economic development and providing opportunities that enable residents to work from home. The needs of these businesses should be addressed while ensuring that residential amenity is not adversely affected.

Clause 21.10 Ecologically Sustainable Development

This policy highlights Council's commitment to ESD and outlines a number of ESD principles to which regard must be given. These include building energy management, water sensitive design, external environmental amenity, waste management, quality of public and private realm and transport.

Clause 21.14 Community Health and Wellbeing

The objectives of this clause are:

To provide appropriate spaces and facilities for social interaction.

- To ensure that physical access to buildings, services and facilities meet the highest standards.
- To provide quality community amenities, educational institutions, diverse leisure, sporting and cultural opportunities and resident support services and programs.
- To encourage the provision of multi-purpose facilities in proximity to activity centres.
- To encourage the provision of aged accommodation in locations with appropriate infrastructure and access to services.
- To ensure that urban design promotes a sense of place, community identity, social interaction and a safe environment.
- To ensure that potentially contaminated sites do not impact on subsequent land uses or result in adverse effects on soil, water, air quality and health.
- To minimise adverse impacts associated with the location and operation of gaming venues and machines.

One of the strategies to achieve these objectives is to:

Encourage the establishment of community based facilities, including child care centres and health care facilities, in proximity to activity centres or other community facilities.

Local Planning Policy

Clause 22.08 Safety through urban design

This policy applies to all land in Manningham. It endeavours to provide and maintain a safer physical environment for those who live in, work in or visit the City of Manningham. The policy seeks attractive, vibrant and walkable public spaces where crime, graffiti and vandalism in minimised.

Clause 22.09 Access for disabled people

This policy also applies to all land in Manningham. It seeks to ensure that people with a disability have the same level of access to buildings, services and facilities as any other person. The policy requires the needs of people with a disability to be taken into account in the design of all proposed developments.

Particular Provisions

Clause 52.05 Signs

Pursuant to Clause 52.05-13, business identification and internally illuminated signs require a permit.

Before deciding on an application, in addition to the decision guidelines in Clause 65, the responsible authority must consider, as appropriate:

The character of the area including:

- The sensitivity of the area in terms of the natural environment, heritage values, waterways and open space, rural landscape or residential character.
- The compatibility of the proposed sign with the existing or desired future character of the area in which it is proposed to be located.
- The cumulative impact of signs on the character of an area or route, including the need to avoid visual disorder or clutter of signs.
- The consistency with any identifiable outdoor advertising theme in the area.

The relationship to the streetscape, setting or landscape:

- The proportion, scale and form of the proposed sign relative to the streetscape, setting or landscape.
- The position of the sign, including the extent to which it protrudes above existing buildings or landscape and natural elements.
- The ability to screen unsightly built or other elements.
- The ability to reduce the number of signs by rationalising or simplifying signs.
- The ability to include landscaping to reduce the visual impact of parts of the sign structure.

The relationship to the site and building:

- The scale and form of the sign relative to the scale, proportion and any other significant characteristics of the host site and host building.
- The extent to which the sign displays innovation relative to the host site and host building.
- The extent to which the sign requires the removal of vegetation or includes new landscaping.

The impact of any illumination:

- The impact of glare and illumination on the safety of pedestrians and vehicles.
- The impact of illumination on the amenity of nearby residents and the amenity of the area.
- The potential to control illumination temporally or in terms of intensity.

The need for identification and the opportunities for adequate identification on the site or locality.

Clause 52.06 Car Parking

Pursuant to Clause 52.06-5, car parking is required to be provided at the following rate:

• 0.22 spaces to each child.

Clause 52.06-9 outlines various design standards for parking areas that should be achieved.

General Provisions

Clause 65 Decision Guidelines

This clause outlines that before deciding on an application, the responsible authority must consider, as appropriate:

- The State Planning Policy Framework and the Local Planning Policy Framework, including the Municipal Strategic Statement and local planning policies.
- The purpose of the zone, overlay or other provision.
- The orderly planning of the area.
- The effect on the amenity of the area.