

Landscape Master Plan Vision

The Castle Hill Village precinct draws on the local urban village character and natural landscape beauty to create a public realm design that is sensitive, peaceful and responsive to the surrounding environment and community needs. Inspired by Christian witness values, the landscape master plan aims to create a series of spaces and places that provide a variety of passive and active opportunities for residents and their families to use and enjoy. These places also encourage social community through gardening, barbecue and bocce. The landscape master plan provides spaces for contemplation, prayer and reflection. Central to these spaces and places is a green spine that creates a cohesive and integrated public realm.

Principles

Six landscape design principles are applied to the Castle Hill Village Master Plan providing a strong framework for the future design of the project.

1- Green Central Spine:

Empowerment of the spirit by supporting healing, contemplation and stimulating hope: The landscape theme of the Central Spine provides passive recreation and reflection, and active recreation that empowers the spirit. The 'Green Spine' is reinforced by the central lagon and provides pedestrian and visual connectivity between activity nodes. This central path system organises primary and secondary nodes establishing a legible movement system through spaces of varying scale and character. The main pathway provides full DDA compliant access reinforced through the following elements:

Planting
The tree canopy structure accents open and

enclosed spaces throughout the Spine.

Landscape structures
A consistent architectural design language through a series of follies or architectural structures will define key nodes, refuge and

gathering areas along the Spine.

• Material and furniture

Material and furniture
 The Central Spine is reinforced by using identifiable materials and finishes that distinguish the pathway from the surrounding paths.
 Sculptural elements and lighting reinforce moments of Christian values along the path.

2- Village Community:

The site's predominant village character provides a sense of place and belonging. Private residential frontages with controlled visibility from public flootpaths provide passive surveillance. This blurred perception of private/ public space allows residents to extend their sense of ownership to the public domain reinforcing a sense of place. The overall village character is enhanced through the following key elements:

Semi-private front yard
Controlled visibility between private residential and public spaces.

Shared facilities

Shared amenities include communal tables, community gardens, barbeques and recreation facilities

Proximity to amenities
 Equitable access to amenities close to residential
 and activity areas.

3- Hierarchy of Nodes Places of respite, that encourage the value of

Places of respite, that encourage the value of Christian witness through contemplation, adopt a diverse spatial typology to cater for private and public social engagement. The three main open space types are: • Arrival

Located on the major entry point of the site, this space marks the address with artistic/sculptural elements and feature planters.

• Primary

Primary spaces anchor the northern and the southern precincts with connectivity to the village centre.

Secondary
Within the central precinct secondary nodes
provide activity spaces themed for active and
passive recreation for diverse community needs.

4- Celebrating Water

The lagoon is an activated signature element, promoting engagement with the water edge and surface. A key objective is substantial water quality improvement through water aeration, and peak stormwater management. This includes water capture and reuse for landscape irrigation. The water experience is reinforced through:

Activating the lagoon edge
Redefining the edge of the lagoon to allow for improved accessibility to water edge

 Introducing an additional secondary pond Increased detention capacity for better

water treatment and general engagement.

WSUD

Integration of water filtration within the public domain, including roads and open spaces.

Water Sculpture
Includes fountains and other sculptural elements.

5-Optimizing Accessibility

The importance of optimizing DDA accessibility throughout the site is critical. The design provides for DDA compliance wherever possible, including all primary and secondary access paths. Rest zones (landscape nocks /pause points) are also provided.

Pavement materiality has been considered in

Pavement materiality has been considered in terms

of accessibility, slip resistance and walkability and to highlight the footpath hierarchy. All access paths adopt maximum gradients of 1:21 to minimise the need for use of handrails.

6-Enhancing Landscape Views Landscape views across the site are retained and enhanced in order to reinforce landscape character while optimising surveillance and Crime Prevention Though Environmental Design (OPTED) pninciples.

A number of primary views are recognised, with consideration of landscape views across Tom-Thumb lagoon and internal open spaces. The arrival gateway view from the Old Northern road running asst into the site and view co

The following objectives are considered; Strategic clearing of unprotected trees and understorey vegetation to enhance views. New feature trees, lighting, sculptural or landscape elements to reinforce key views and foci.

Architectural follies within the landscape to create focal and termination points.

AECOM

PROJECT

KILVINTON & DOROTHY MOWLL COURT RENEWAL

ADDRESS

KILVINTON VILLAGE 417 OLD NORTHERN RD, CASTLE HILL NSW

CLIENT

ANGLICARE RETIREMENT VILLAGES (DIOCESE OF SYDNEY)

CONSULTANT

AECOM Australia Pty Ltd A.B.N 20 093 846 925 www.aecom.com

REGISTRATION

PROJECT MANAGEMENT INITIALS

B 30.01.19 FOR APPROVAL

A 21.12.18 FOR REVIEW

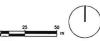
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RICHAW RHIPOLITO BINEWELL

DESIGNER CHECKED APPROVED

KEY PLAN



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PROJECT NUMBER 60538574

SHEET TITLE

LANDSCAPE MASTER PLAN AND DESIGN VISION

SHEET NUMBER

60538574-DA-L-0101 [REV C]

LANDSCAPE LEGEND EXISTING TREE TO BE RETAINED PI: UNIT PAYING. REFER TO LANDSCAPE MATERIALITY P2: STONE PAVING REFER TO LANDSCAPE MATERIALITY P3. RED SHOT BLASTED CONCRETE. REFER TO LANDSCAPE MATERIALITY P4: CONCRETE WITH SAW CUT FINISH REFER TO LANDSCAPE MATERIALITY P5: LIGHT CONCRETE WITH EMBEDDED PATTERN. REFER TO LANDSCAPE MATERIALITY P6: DECOMPOSED GRAVEL GRANITE. REFER TO LANDSCAPE MATERIALITY P7: TIMBER, REFER TO LANDSCAPE MATERIALITY IT: IRRIGATED TURF NT: NON-IRRIGATED TURF TACTILE GROUND SURFACE INDICATOR BESPOKE GEATING WALL REFER LANDSCAPE CHARACTER BENCH SEATING REFER LANDSCAPE CHARACTER SHADE STRUCTURE. REFER LANDSCAPE CHARACTER PICNIC TABLE. REFER LANDSCAPE CHARACTER NEW TREE. REFER PLANT SCHEDULE SHRUB PLANTING, REFER PLANTING PLAN MACROPHYTE PLANTING REFER PLANTING PLAN PROPOSED LEVELS

TREE RETENTION LEGEND

----- EXTENT OF LANDSCAPE WORKS

EXISTING TREE TO BE RETAINED AND PROTECTED AS PER COUNCIL'S TPO

EXISTING TREE TO BE REMOVED AS PER ARBORIST REPORT

EXISTING TREE TO BE REMOVED WITHOUT CONSENT AS PER ARBORIST REPORT

EXISTING TREE TO BE REMOVED TO IMPACT OF WORKS

NOTE: PLANS TO BE READ IN CONJUCTION WITH ARBORIST REPORT.

PLANTING LEGEND

NEW TREE. REFER PLANT SCHEDULE

MEDIUM/GRASSY SHRUB SPECIES, REFER PLANTING PLAN

LARGE SHRUB SPECIES. REFER PLANTING PLAN

GROUND COVER SHRUB SPECIES. REFER PLANTING PLAN

NOTE: REFER TO LANDSCAPE MASTER PLAN AND VISION FOR NATIVE/EXOTIC PLANT ZONE PERCENTAGES

PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME	POT SIZE	MATURE HEIGHT	MATURE SPRE
Native				
Trees				
Allocasuarina torulosa	Forest Oak		20m	10m
Corymbia eximia	Yellow Bloodwood		20m	15m
Corymbia gummifera Eucalyptus racemosa	Red Bloodwood		20m	15m
Elaeocarpus reticulatus	Snappy Gum		20m	15m
Glochidion ferdinandi	Blueberry Ash Cheese Tree		15m	4m 8m
Tristaniopsis laurina	Water Gum		15m	6m
Shrubs	vvater Guin	_	iom	om
Tali/Large Shrubs				
Correa alba	White Correa		1.5m	-
Epacris pulchella	NSW Coral Heath		1.5m	1m 1m
Ozothamnus diosmifolius	Everlasting		2m	1m
Pimelea linifolia	Rice Flower		1.5m	1m
Westringia fruticose	Native Rosemary		2m	5m
Medium/Strappy Shrubs	TVEUVE MOSCITISTY		2111	OIII
Dianella revoluta	Blue Flax Lily		1m	1.5m
Dianella tasmanica 'Tas Red	Flax Lily		0.6m	0.6m
ndigolera australis	Australian Indigo		1-2m	1-2m
funcus usitatus	Common Rush		1.1m	0.4m
Lomandra iongifolia	Mat Rush		1. Im	0.4m
Lomandra 'Tanika''	Mat Rush		0.6m	0.6m
Poa labiliardieri	Tussock Grass		1.2m	1m
Groundcover Shrubs			1.411	
Grevillea juniperina 'Gold Cluster'	Gold Cluster Grevillea		0.3m	1m
Myoparum parvifolium	Creeping Boobiala		0.3m	0.8m
Pratia purpurascens	White Root		0.15m	0.4m
Westringia 'Low Horizon'	Coastal Rosernary		0.3m	0.7m
xotic				
Trees				
raxinus angustilolia 'Raywood'	Claret Ash		12m	9m
Singko biloba	Maidenhair Tree		12m	5m
agerstroemia indica 'Natchez'	Crepe Myrtle		8m	6m
Platanus x Acerfolia	London Plane		14m	10m
Prunus cerasifera 'Oakville Crimson Spire'	Flowering Plum		6m	3m
Pyrus calleryana 'Capital'	Ornamental Pear		11m	3m
Jimus parvifolia 'Todd'	Chinese Elm		10m	11m
Zelkova serrata 'Green Vase'	Green Vase		14m	10m
Shrubs				70111
all/Large Shrubs				
chium fastuosum 'Duxfield Blue'	Duxfield Blue Pride of Madeira		1.5m	1.5m
cropetalum chinense rubrum 'China Pink'	China Pink		2m	1.5m
Magonila grandillora 'Teddy Bear'	Teddy Bear Magnolia		4m	3m
(ylosma senticosum	Shiny Xylosma		2-4m	2m
ledium/Strappy Shrubs				
rthropodium cirratum 'Te Puna'	Te Puna NZ Rock Lily		0.4m	0.5m
Netes grandiflora	Wild Iris		1.2m	1.2m
uphorbia triucalli 'Firesticks'	Firesticks		0.5m .	0.4m
iriope muscari 'Isabella'	Isabella		0.4m	2m
propetalum chinense 'Purple Pixie'	Purple Pixie		0.5m	1.2m
thaphiolepis indica 'Oriental Pearl'	Oriental Pearl Indian Hawthorn		0.8m	1m
roundcover Shrubs				
revillea juniperina 'Gold Cluster'	Gold Cluster Grevillea		0.3m	1m
lelichrysum petiolare	Licorice Plant		0.4m	1.5m
tachys byzantina	Lamb's Ears		0.3m	1m
ake				
rees				
ngophara floribunda	Rough barked Apple		22m	10m
asuarina glauca	Swamp Oak		15-20m	10-15m
ucalyptus piperita	Sydney Peppermint		20m	
ucalyptus punctata	Grey Gum		10-25m	10m
ucalyptus sideroxylon	Red Ironbark		18m	12m
elaleuca styphelioides	Prickly-leaved Paperbark		6-8m	3-5m
errestrial Planting (+0.5m and above)				
cacia implexa	Hickory Wattle		6-Aug	4m
chelachne micrantha	Short Hair Plume Grass		0.3m	1.nm
digofera australis	Australian Indigo		1-2m	1.2m
oa labiliardierei	Tussock Grass		1m	1m
nemeda australis	Kangaroo Grass		1.5m	0.5m
eeds/Waters edge				
arex appressa	Saw Sedge		0.5-1.2m	0.5-1m
cinia nodosa	Knobby Club Rush		1m	0.8m
incus usitatus	Common Rush		1m	0
pen Water				
hragmites australis	Common Reed		1m	3m

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KEY PLAN

PROJECT NUMBER 60538574 SHEET TITLE LANDSCAPE LEGEND, NOTES AND SCHEDULES

SHEET NUMBER

DA-0000-L-0102

LANDSCAPE CHARACTER





















LANDSCAPE MATERIALITY





















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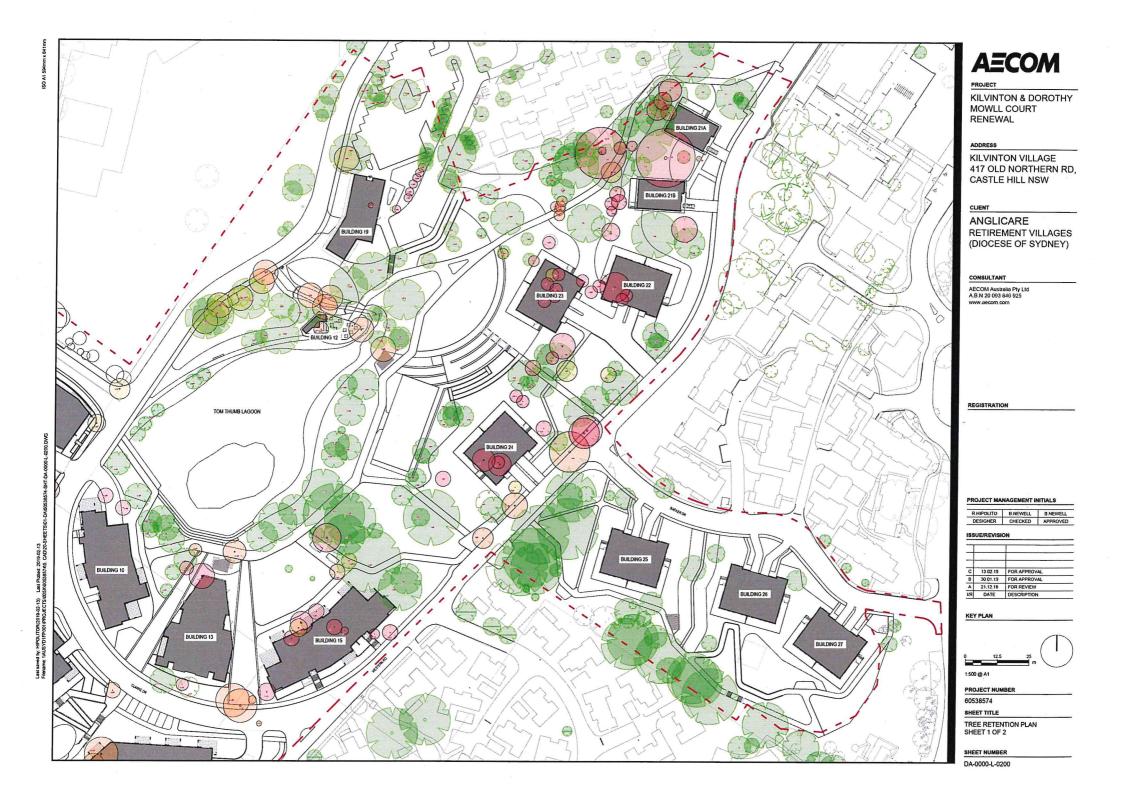
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SHEET TITLE

LANDSCAPE CHARACTER AND MATERIALS

SHEET NUMBER

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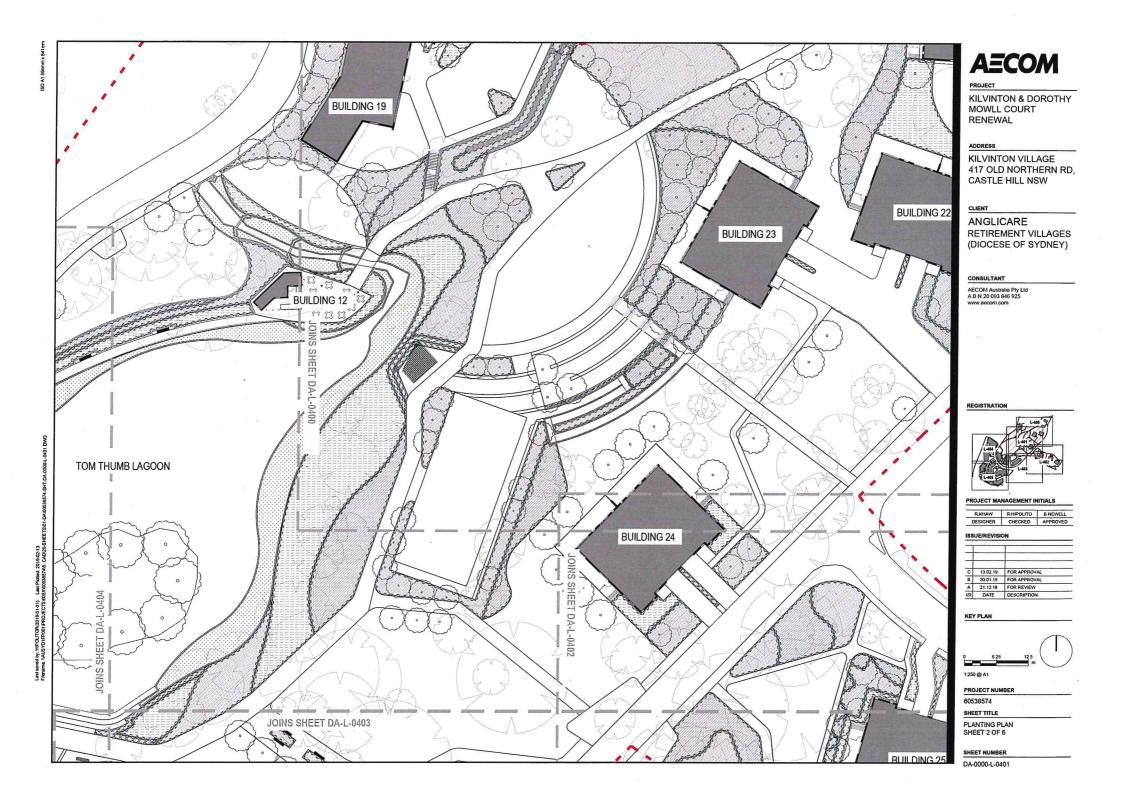
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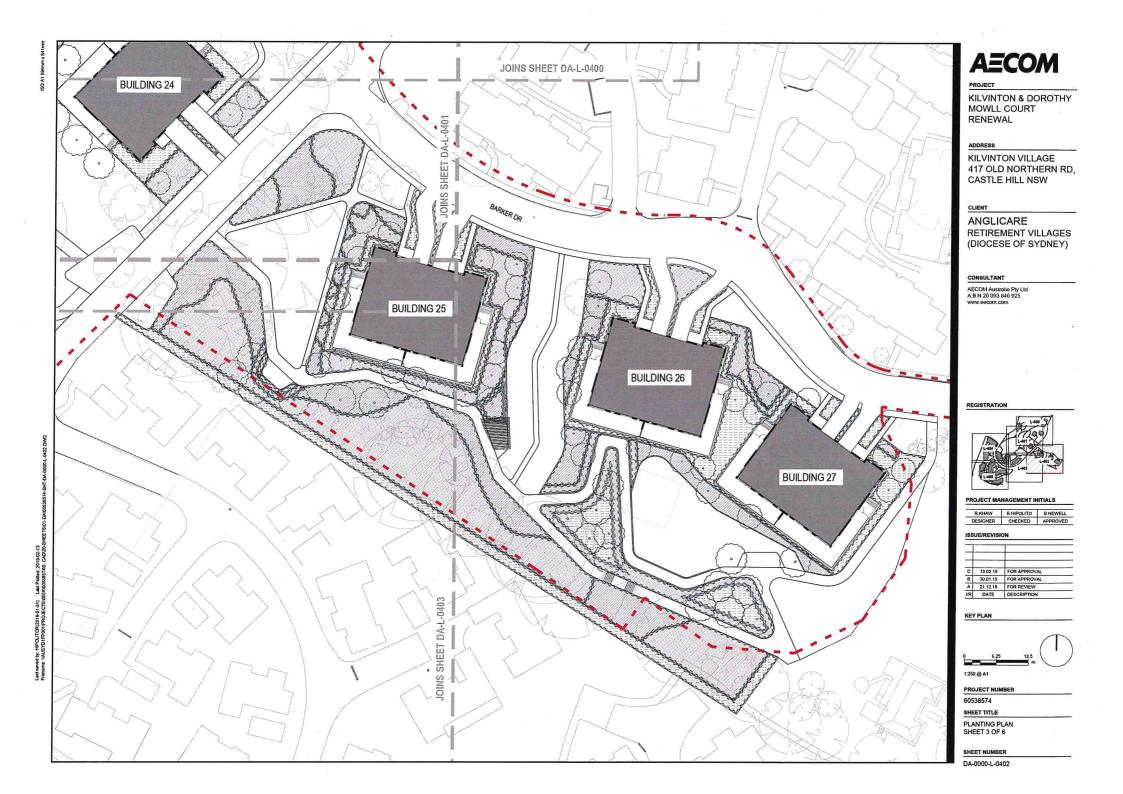
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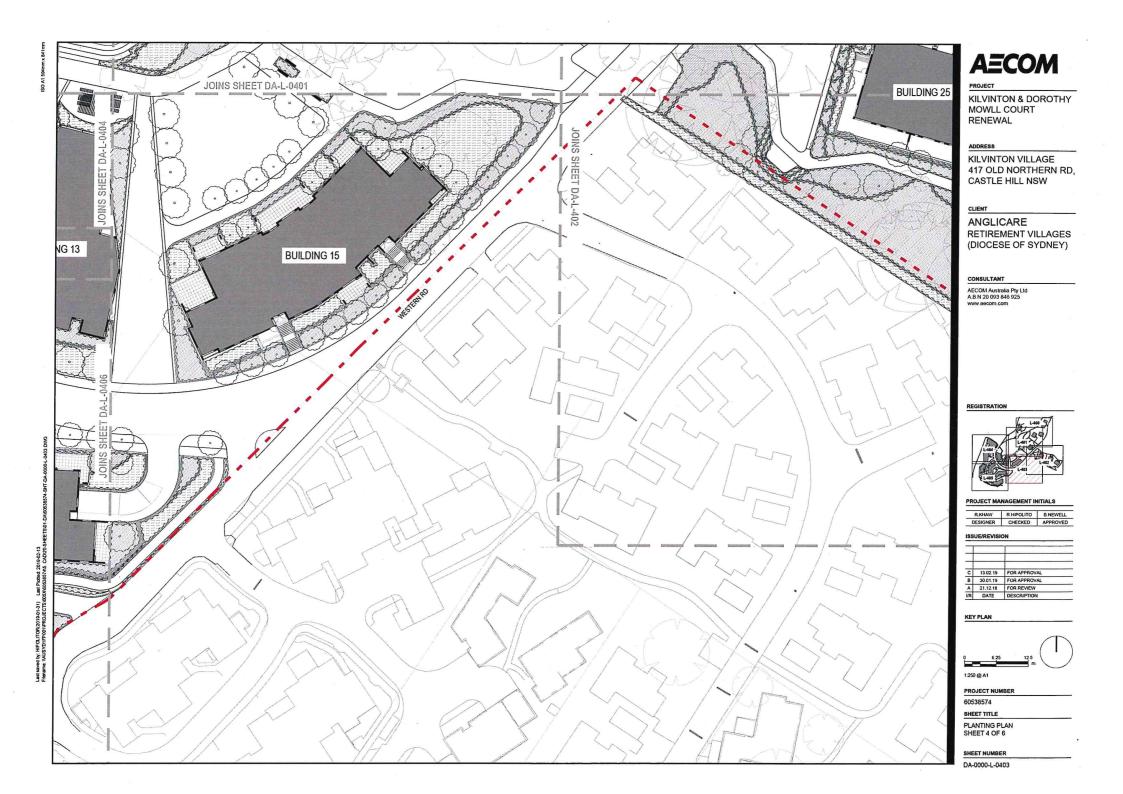
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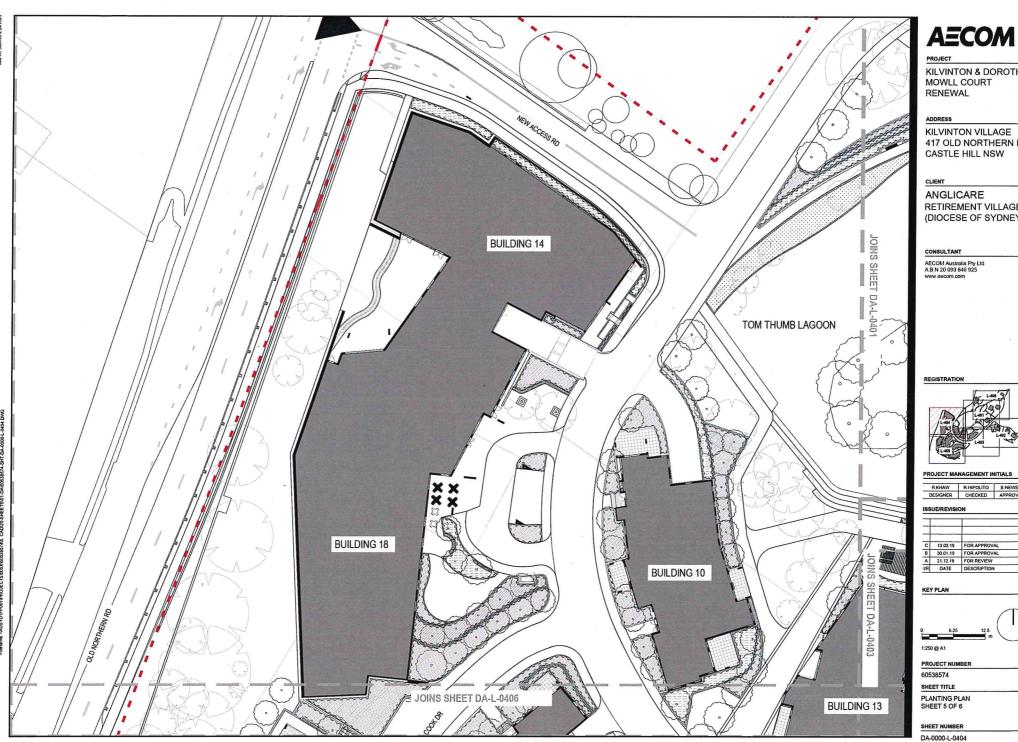








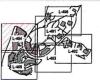




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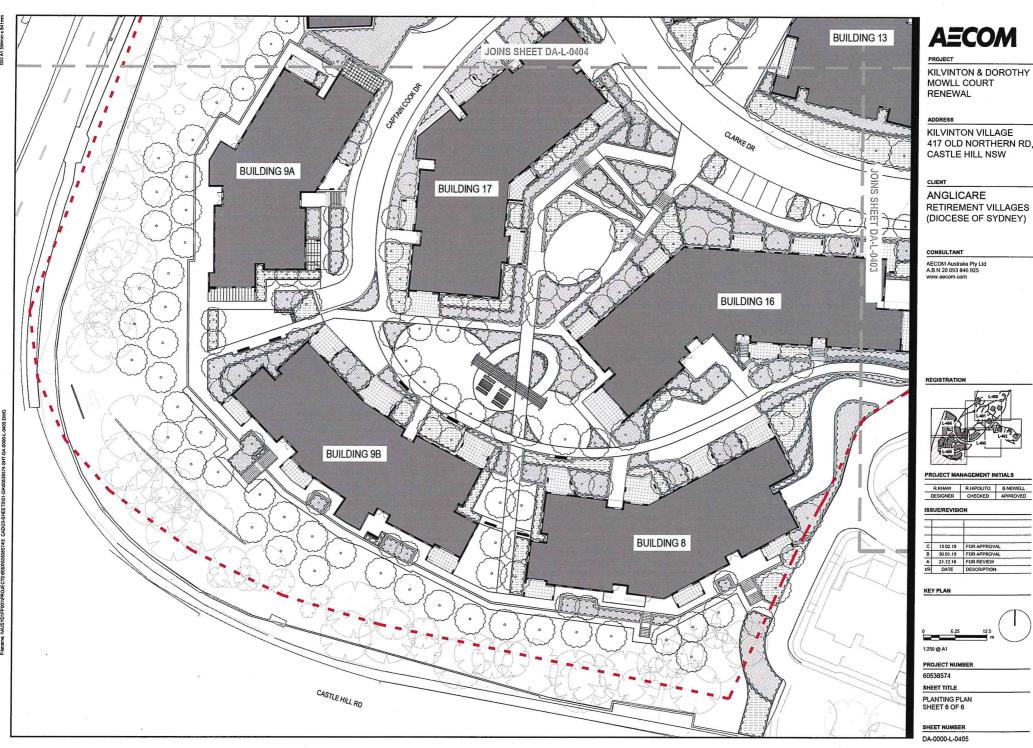
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