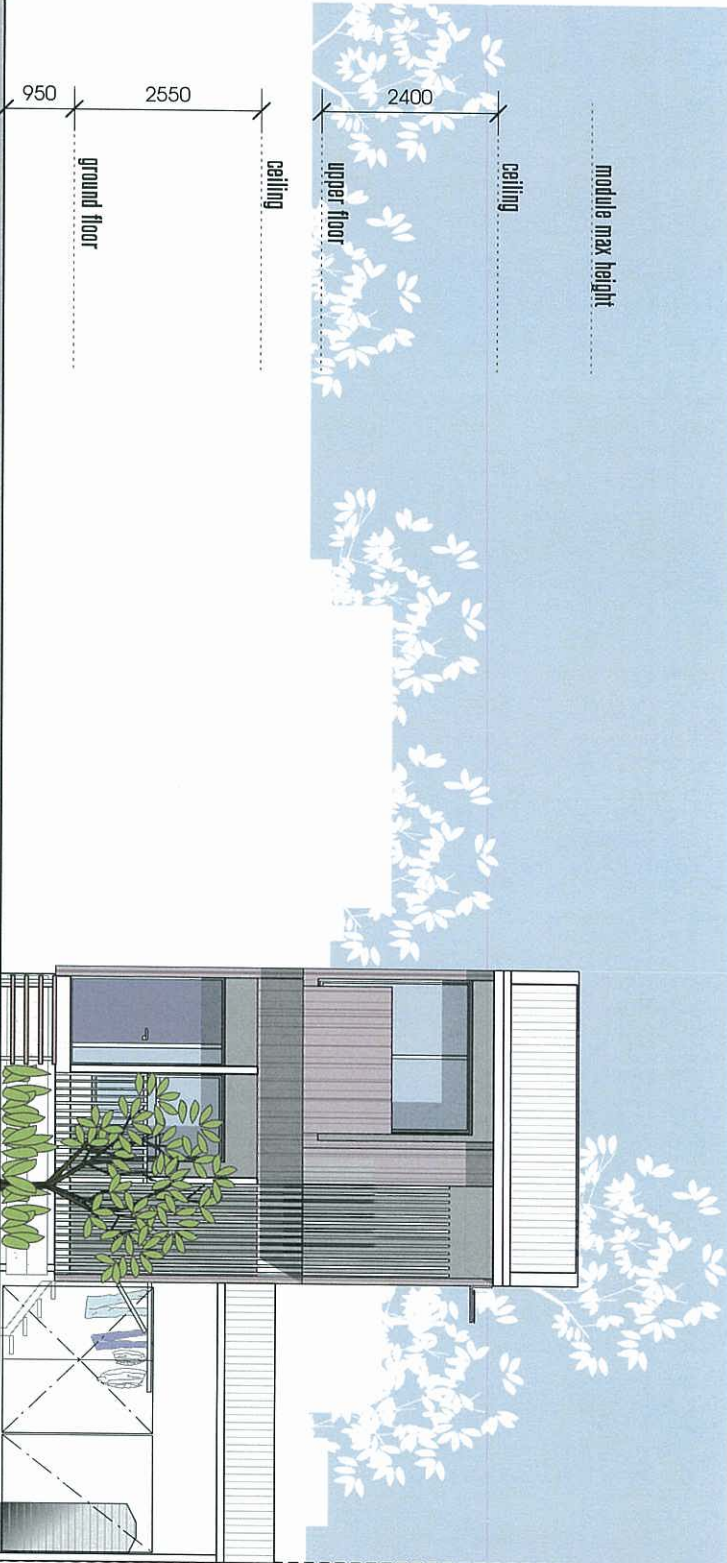
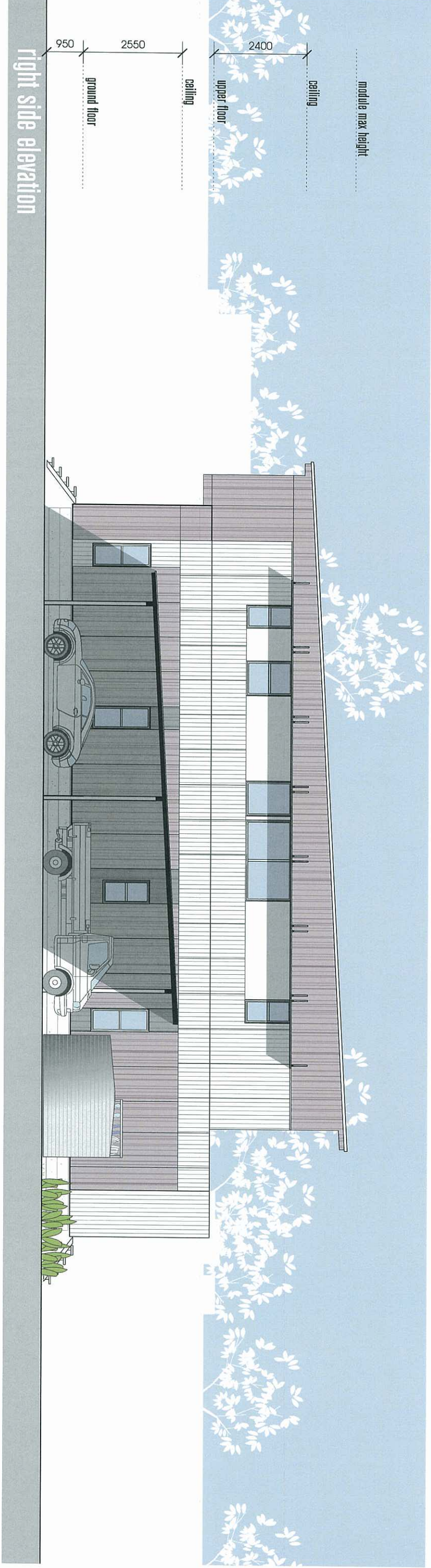


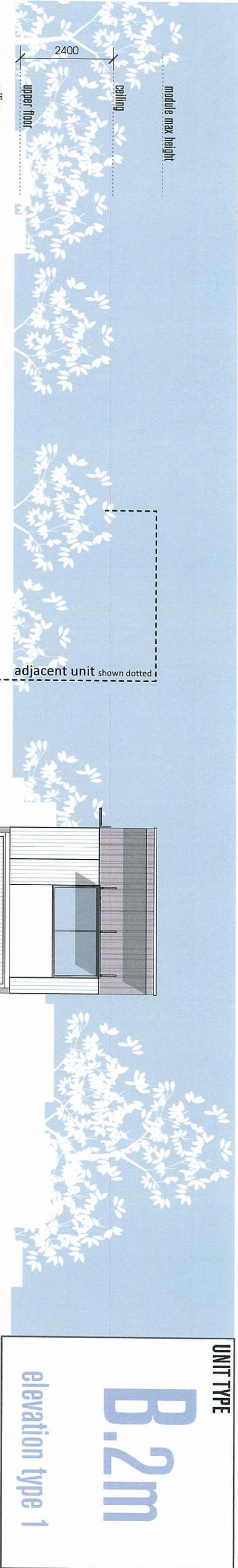
UNIT TYPE
B.2m
elevation type 1



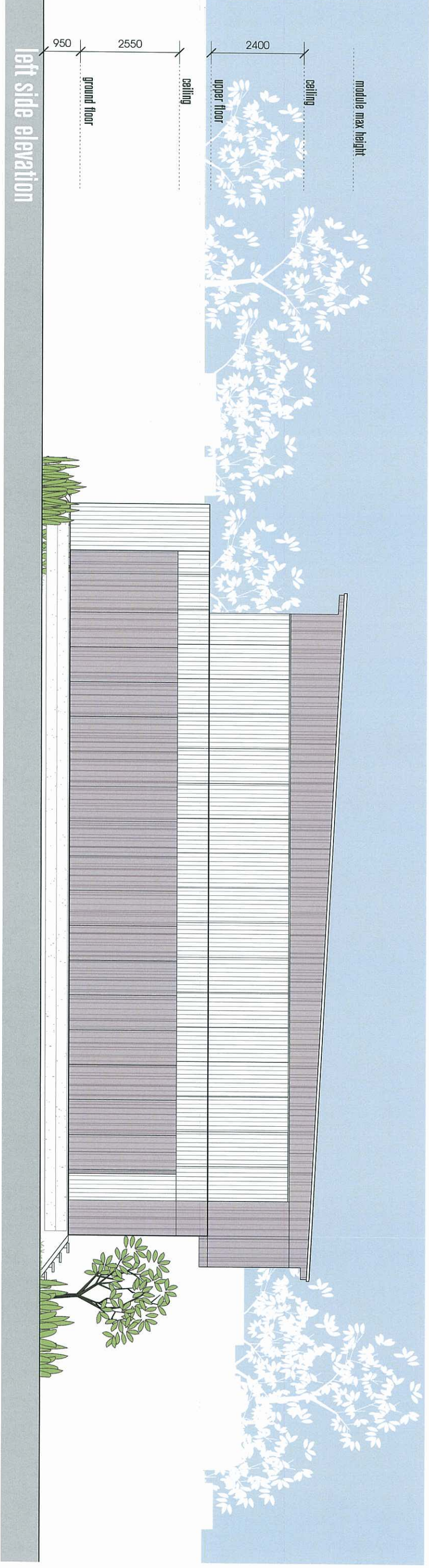
adjacent unit shown dotted

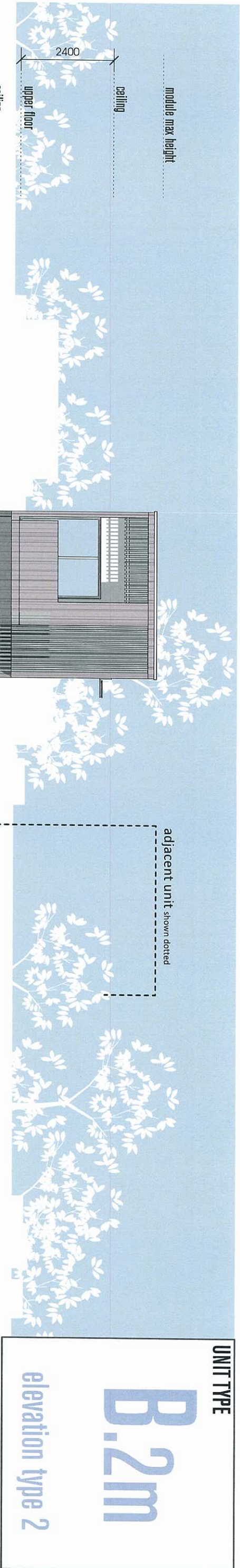
PLANS AND DOCUMENTS
referred to in the ULDA
APPROVAL dated 25 / 7 / 12



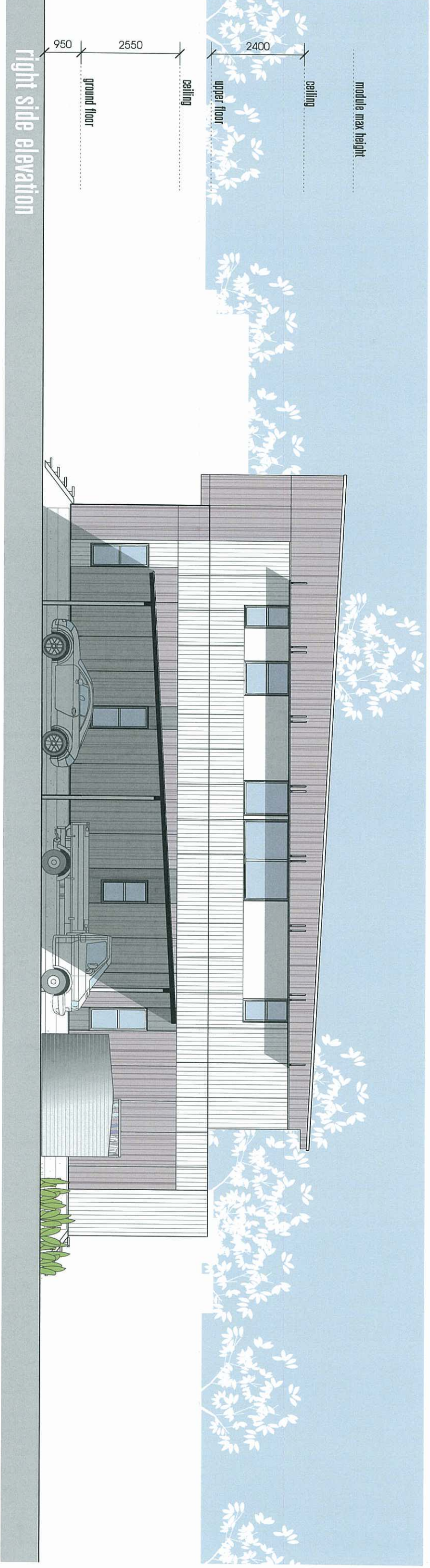


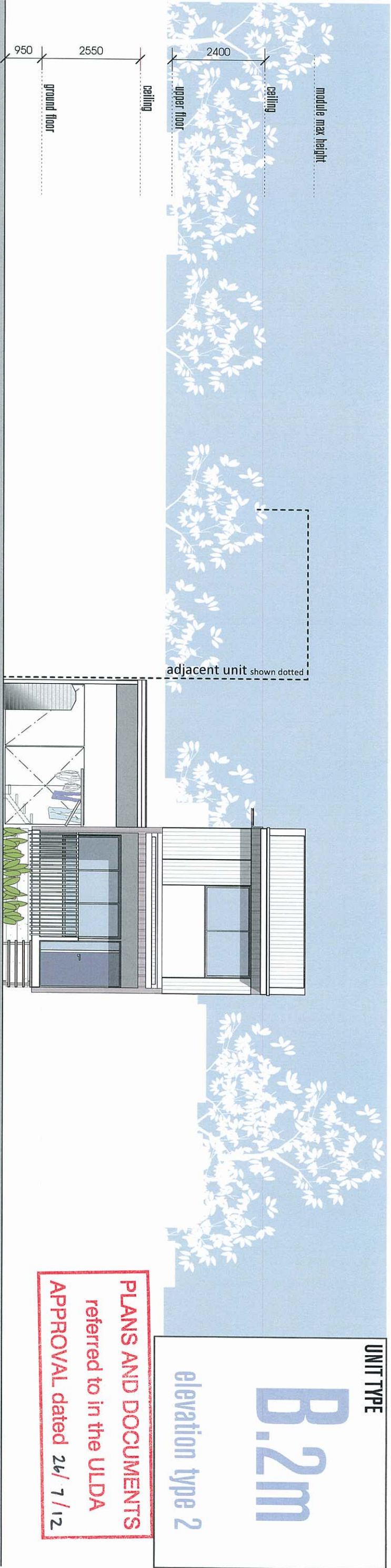
PLANS AND DOCUMENTS
referred to in the ULDA
APPROVAL dated 26 / 1 / 12



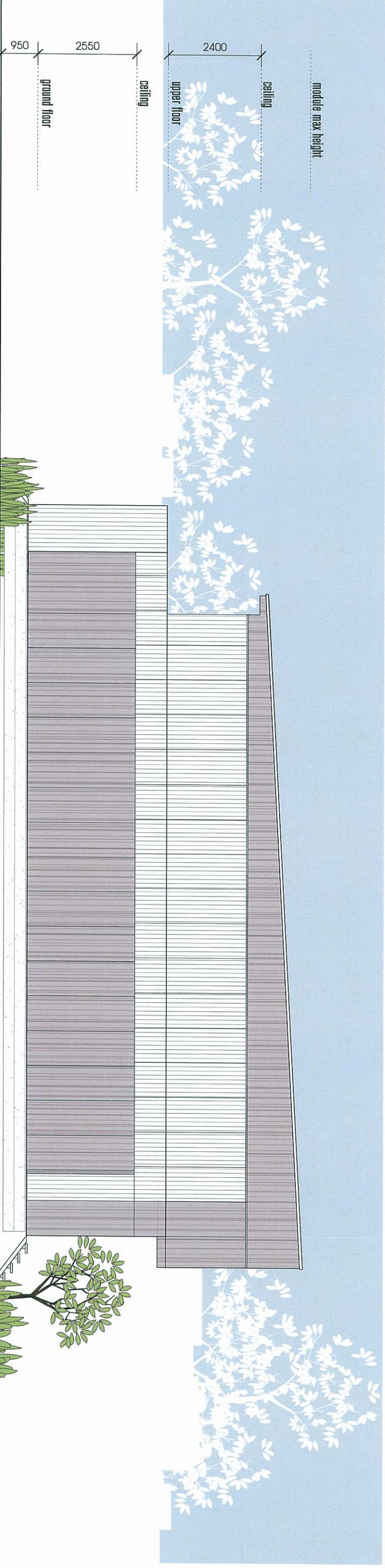


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referred to in the ULDA
APPROVAL dated 26/1/12

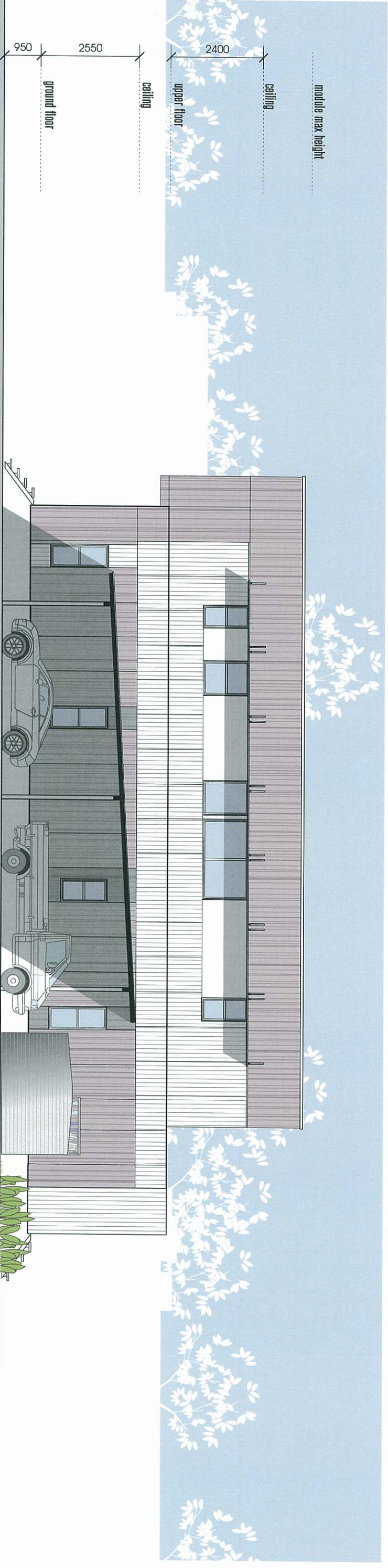
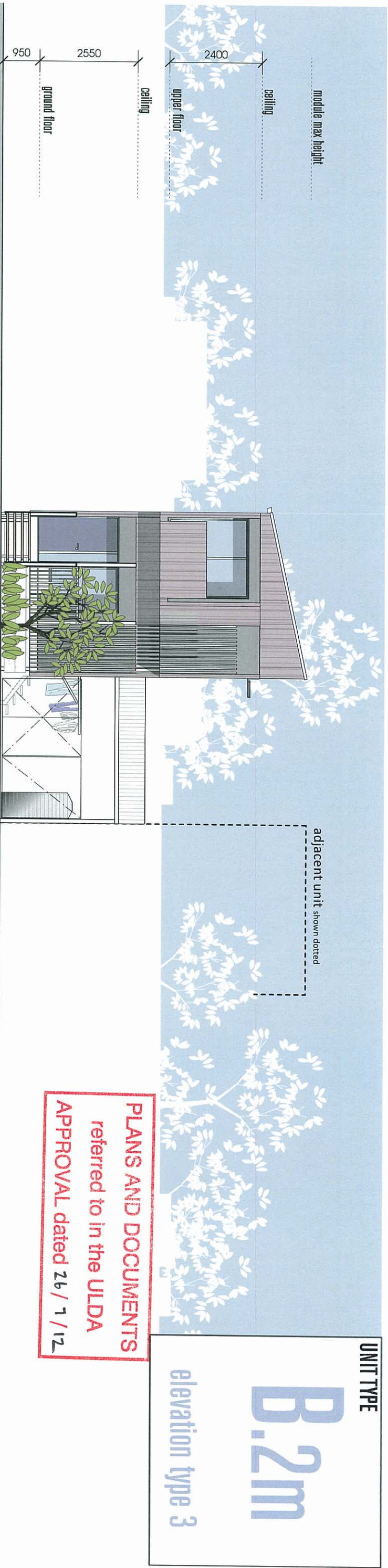




rear elevation

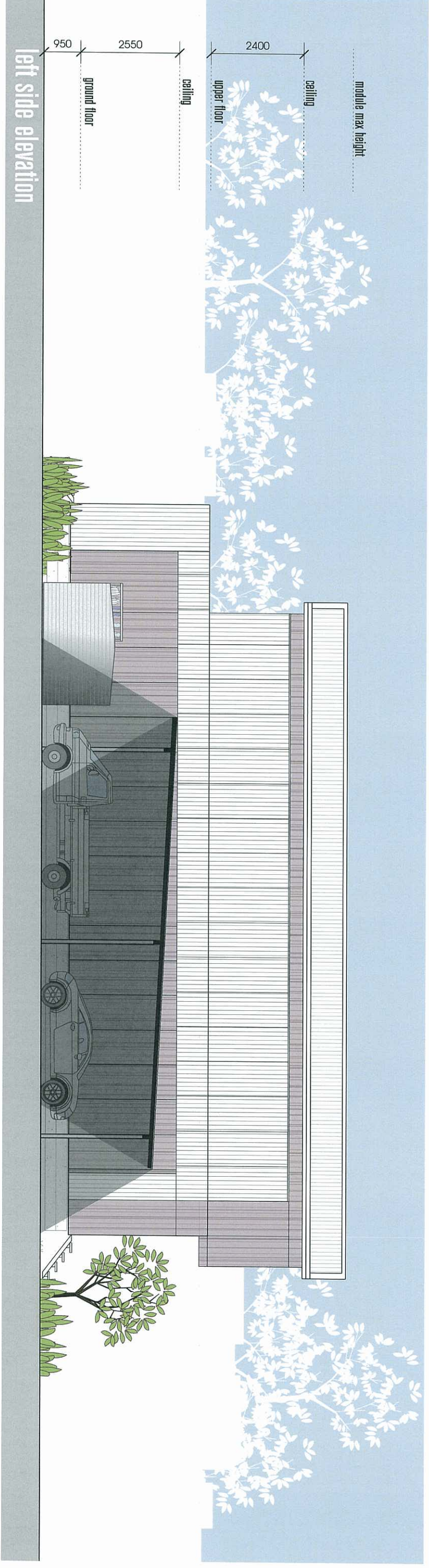


left side elevation





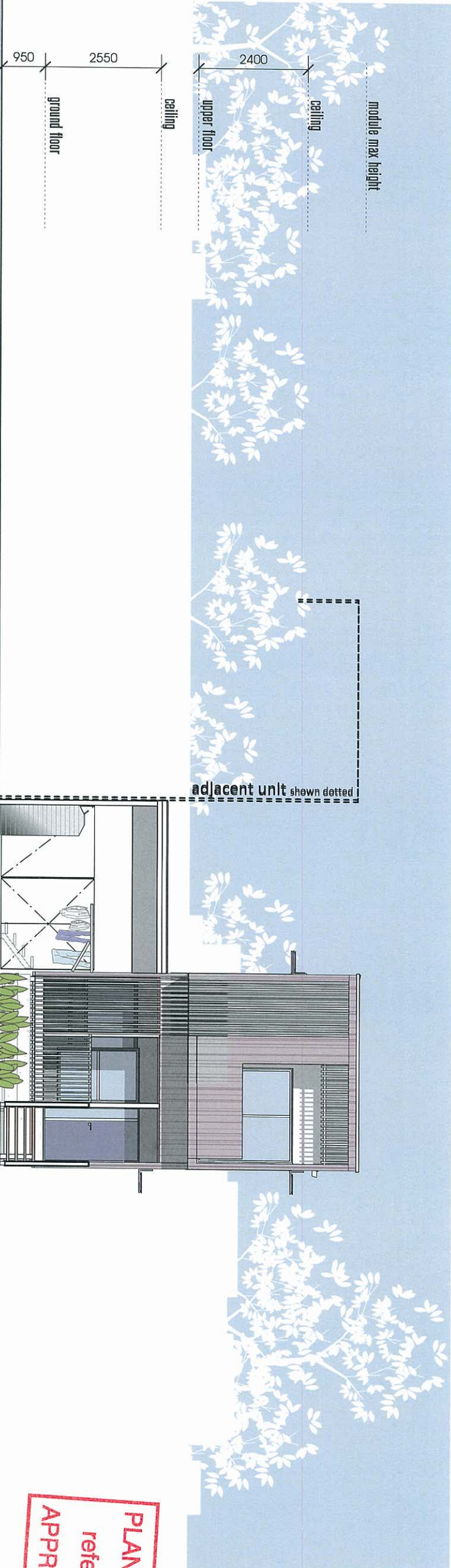
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UNIT TYPE

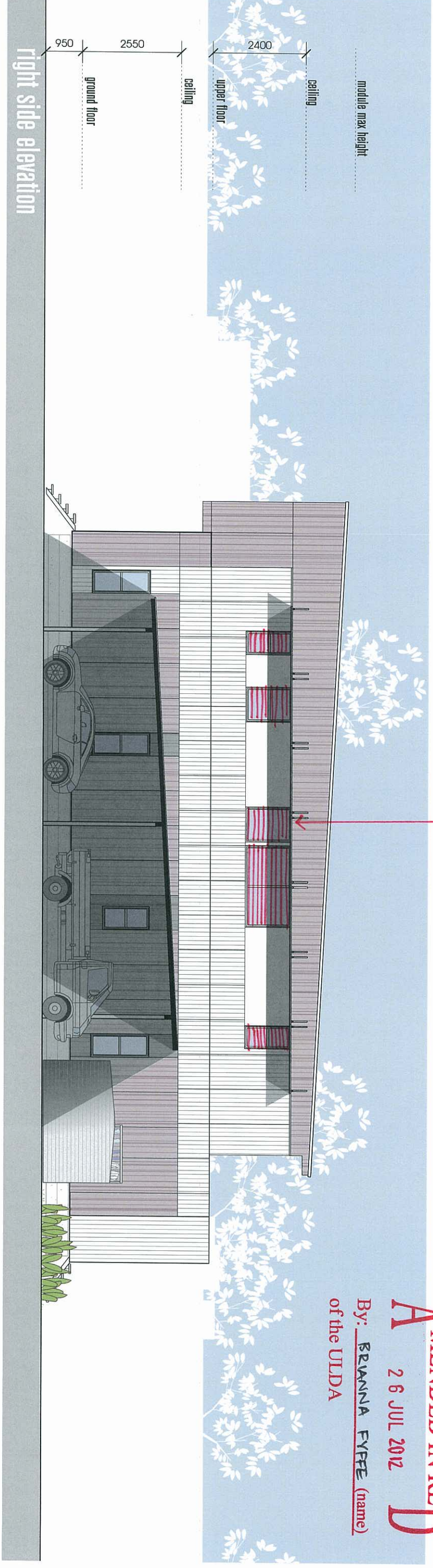
B.3m

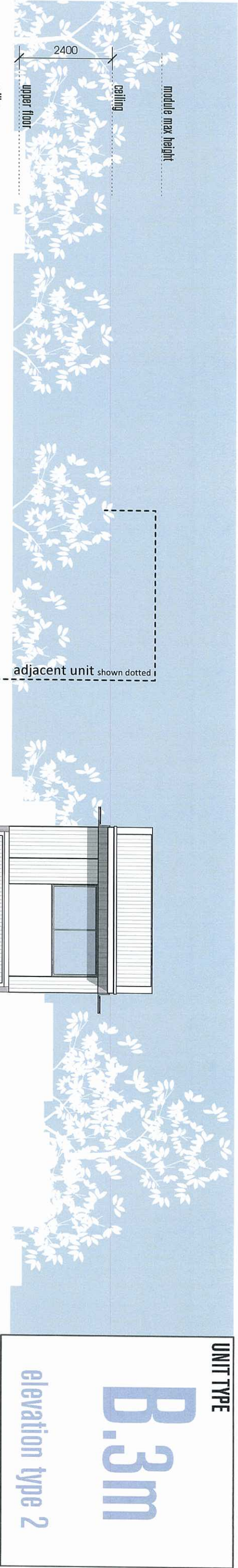
elevation type 2



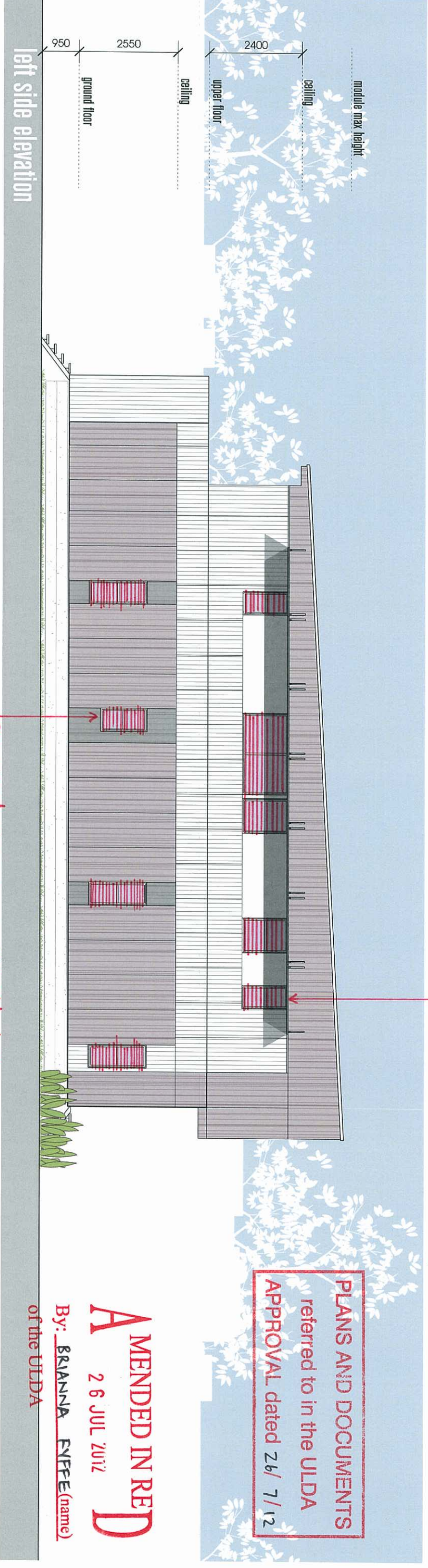
PLANS AND DOCUMENTS
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26 JUL 2012
By: BRANDIA FYFFE (name)
of the ULDA





rear elevation



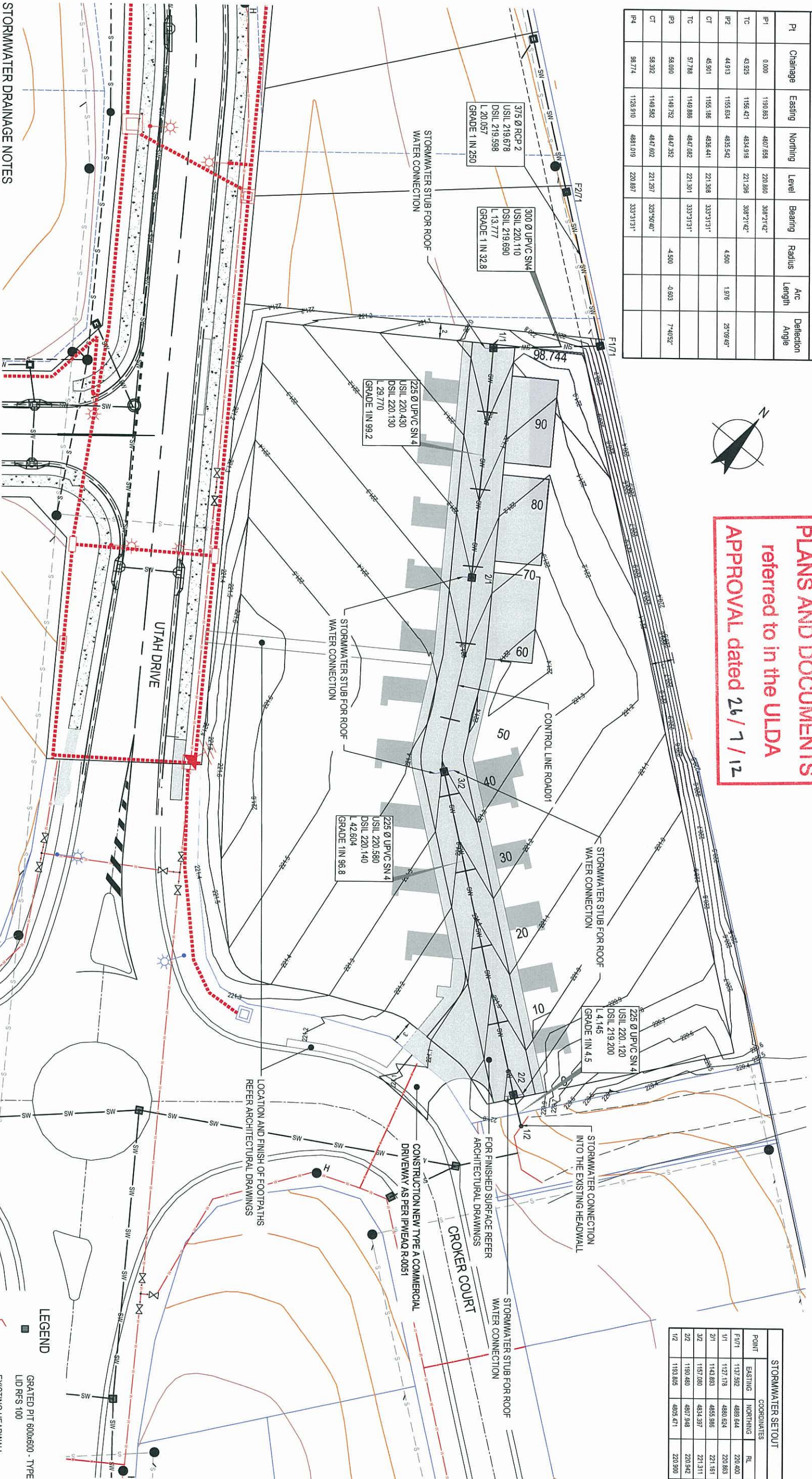
CTRL ROAD01 SETOUT

Pt	Chainage	Easting	Northing	Level	Bearing	Radius	Arc Length	Deflection Angle
IP1	0.000	1190.863	4807.658	220.860	306°2'42"			
TC	43.925	1156.421	4834.918	221.298	308°2'42"			
IP2	44.813	1155.534	4835.542		4.500	1.976	23°09'49"	
CT	45.501	1155.188	4838.441	221.308	333°3'31"			
TC	57.788	1149.886	4847.082	221.301	333°3'31"			
IP3	58.090	1149.752	4847.352		4.500	0.803	7°40'52"	
CT	58.992	1149.582	4847.602	221.297	325°59'40"			
IP4	98.774	1126.910	4881.019	220.897	333°3'31"			



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STORMWATER SETOUT			
POINT	COORDINATES		RL
	EASTING	NORTHING	
F1/71	1137.592	4889.544	220.409
1/1	1127.178	4880.824	220.893
2/1	1143.853	4855.886	221.161
3/2	1157.080	4854.397	221.311
2/2	1150.480	4867.548	220.942
1/2	1193.885	4895.471	220.900



STORMWATER DRAINAGE NOTES

1. LEVELS TO AND

2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

3. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON-SITE BEFORE WORK COMMENCES.

4. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWING.

5. DURING CONSTRUCTION BARRIERS, LIGHTS & SIGNS SHALL BE MAINTAINED TO ENSURE SAFE PASSAGE OF TRAFFIC AND PEDESTRIANS IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.

6. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL AUTHORITIES CURRENT SPECIFICATIONS AND STANDARDS.

7. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH S.A.A. CODES & BY-LAWS AND ORDINANCES OF THE RELEVANT LOCAL
8. AUTHORITY AND WORKPLACE HEALTH AND SAFETY REQUIREMENTS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL RELEVANT AUTHORITIES AND PAYING ALL FEES NECESSARY BEFORE COMMENCING WORK. FOR LOCATING ALL EXISTING SERVICES AND FOR REPAIR OF ANY SERVICES DAMAGED AS A RESULT OF THE WORKS.

10. THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT 1995. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THIS ACT AND IN PARTICULAR THE CONTRACTOR IS TO ENSURE THE REQUIREMENTS OF THIS SPECIFICATION WITH REGARD TO NOTIFICATION IN RELATION TO A NOTIFIABLE PROJECT, ARE FULFILLED.

11. STRUCTURAL LOADINGS UNLESS BRIDGING OF THE LOAD IS PROVIDED. ANY BRIDGING IS TO BE DESIGNED BY A REPO.

12. BENCHMARKING OF PIT STRUCTURES SHALL HAVE A SMOOTH FINISHED SURFACE. AND PIPES SHALL NOT PROJECT INSIDE THE SHAFT OF THE PIT.

13. FOLLOWING STORMS, THE ROAD RESERVE AND SEDIMENT BARRIERS ARE TO BE INSPECTED AND ALL SEDIMENT RESIDUES ARE TO BE REMOVED.

14. OPEN PIPES AND GULLY PITS DURING CONSTRUCTION ARE TO BE CAPPED OR PLUGGED (SOLID OR FILTER CLOTH) AT THE END OF EACH DAYS WORK.

15. BE SWEEP FROM ROAD SURFACE.

16. REPAIR ANY DAMAGE TO EXISTING KERB AND CHANNEL, FOOTPATH OR ROADWAY THAT MAY OCCUR DURING ANY WORKS CARRIED OUT WITH THE APPROVED DEVELOPMENT.

17. ROOF WATER PITS TO BE INSTALLED 20mm ABOVE THE BOTTOM OF STORMWATER PITS

18. ROOF WATER STUBS TO HAVE MINIMUM 0.3% FALL TO PIT

19. ROOF WATER STUB TO EXTEND 0.5m BEYOND CONCRETE SURFACE

20. ROAD EFFECTED BY WORKS ARE TO BE KEPT CLEAN. MATERIAL IS TO

LEGEND

- GRADED PIT 600x600 - TYPE D
- LID RFS 100
- EXISTING HEADWALL
- PROPOSED STORMWATER
- MAIN ACCESS ROADWAY AND FOOTPATH 150mm THICK CONCRETE
- VISITOR CARPARKS 150mm THICK CONCRETE
- VEHICLE ACCESS 125mm THICK CONCRETE

PRELIMINARY

0 2.5 5 7.5 10 12.5m

SCALE 1:250 AT ORIGINAL SIZE

Clients | People | Performance

Level 4, 201 Charlotte St Brisbane QLD 4000 Australia
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E brianm@ghd.com www.ghd.com

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Drawn B.GEAR

Design J.ZERAFKA

Drafting Check

Design Check

Approved (Project Director)

Date

Scale AS SHOWN

Original Size

Client BMA ALLIANCE COAL OPERATIONS PTY LTD

Project MOR 2C - 16 MULTIPLE RESIDENTIAL DWELLINGS

Title ROADWORKS AND STORMWATER DRAINAGE LAYOUT PLAN

Drawing No: 41-24911-C010

Rev. A

Revised

Revision

Note

Drawn

Project Manager

Date

A

PRELIMINARY ISSUE

B.G

Print Date: 28 March 2012 - 3:59 PM

Printed By: Benjamin Gaud-Brianm@GHDAU

Cad File No: G:\124911\CADD\Drawings\41-24911-C010.dwg

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26 JUL 2012

By: BRANNA FYFFE (name)
of the ULDA

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referred to in the ULDA
APPROVAL dated 26 / 1 / 12

REFER HOUSE TYPE B3 & SITE 4 FOR
TYPICAL TREATMENT TO UNITS

REFER HOUSE TYPE B3 & SITE 4 FOR
TYPICAL TREATMENT TO UNITS



Disclaimer

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All areas and dimensions are approximate only subject to relevant
studies, Survey, Engineering and Council approval.

LANDSCAPE SITE PLAN

Scale 1:300@A3 | Date April 2011 | Project No 108208-17 | Project No SD_L1.01_01

plant palette

code	species	common name
TREES		
BRA ace	BRACHYCHITON ACERIFOLIUS	ILLAWARRA FLAME TREE
BRA rup	BRACHYCHITON RUPESTRIS	BOTTLE TREE
CUP ana	CUPANIOPSIS ANACARDIOIDES	TUCKEROO
FLI aus	FLINDERSIA AUSTRALIS	CROW'S ASH
HAR pen	HARPULLIA PENDULA	TULIPWOOD
MEL bra	MELALEUCA BRACTEATA	BLACK TEA TREE
XAN chr	XANTHOSTEMON CHRYSANTHUS	GOLDEN PENDA
SHRUBS		
ACA fir	ACALYPHA 'FIRESTORM'	FIRESTORM
ACA inf	ACALYPHA 'INFERNO'	INFERNO
ACA wil	ACALYPHA WILKESIANA	YELLOW ACALYPHA
CAL lit	CALLISTEMON 'LITTLE JOHN'	LITTLE JOHN
ERE gla	EREMOPHILA 'GLABA RED'	GLABA RED
GRE gin	GREVILLEA 'GIN GIN GEM'	GIN GIN GEM
GRE ill	GREVILLEA 'LILLIAN'	LILLIAN
MYO par	MYOPORUM PARVIFOLIUM	CREeping BOOBIALLA
SYZ aus	SYZYGIUM 'AUSSIE BOOMER'	AUSSIE BOOMER
SYZ sou	SYZYGIUM 'AUSSIE SOUTHERN'	AUSSIE SOUTHERN
WES wyn	WESTRINGIA 'WYN YABIE GEM'	WYN YABIE GEM
WES zen	WESTRINGIA 'ZENA'	ZENA
GROUNDCOVERS		
DIA lit	DIANELLA 'LITTLE JESS'	LITTLE JESS
DIE bic	DIETES BICOLOR	DIETES
HIB sca	HIBBERTIA SCANDENS	GUINEA FLOWER
LIR eve	LIRIOPE EVERGREEN GIANT	EVERGREEN GIANT
LIR var	LIRIOPE VARIEGATA	VARIEGATED LIRIOPE
LOM hys	LOMANDRA HYSTRIX	MAT RUSH
LOM kat	LOMANDRA KATIE BELLES	KATIE BELLES
PEN naf	PENNISETUM NAFRAY	NAFRAY

landscape intent

The proposed landscape intent is to create a shaded green setting for the residential sites whilst minimising maintenance. Resilience to the harsh local climate has also been considered with the plant species selection and planting design.

The use of turf has been limited to key areas where it will provide the best recreational opportunities. This limits mowing and watering maintenance requirements.

Drought tolerant plant species that have proven to grow successfully in this area have been selected and will be placed within a river pebble mulch.

A 1800mm Colorbond fence will provide screening to the communal open space area and units. The colour is to be determined on a site by site basis.



Brachychiton australis



Cupaniopsis anacardioides



Xanthostemon chrysanthus



Harpullia pendula



Flindersia australis



Callistemon 'Little John'



Acalypha 'Inferno'



Eremophila glabra



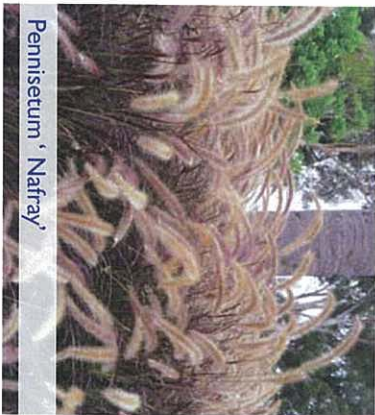
Syzygium 'Aussie Sthr'



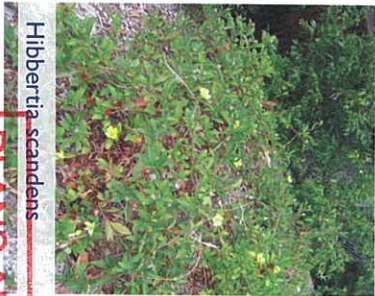
Westringia 'Wyn Gem'



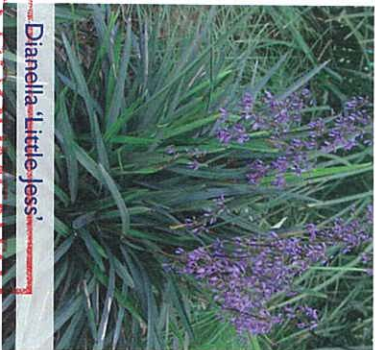
Grevillea 'Gin Gin Gem'



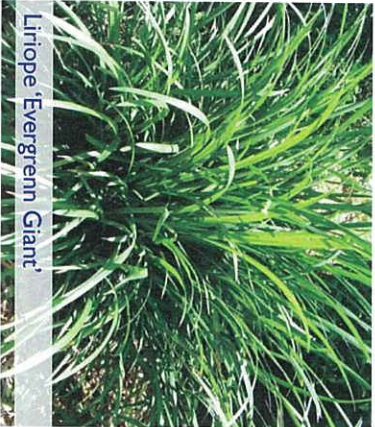
Pennisetum 'Nafray'



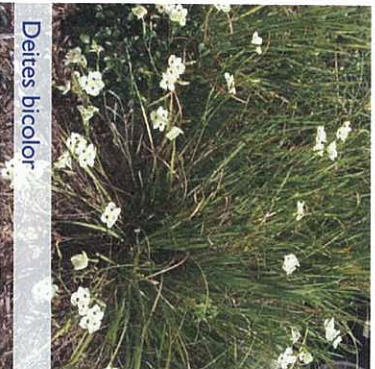
Hibbertia scandens



Dianella 'Little Jess'



Liriope 'Evergreen Giant'

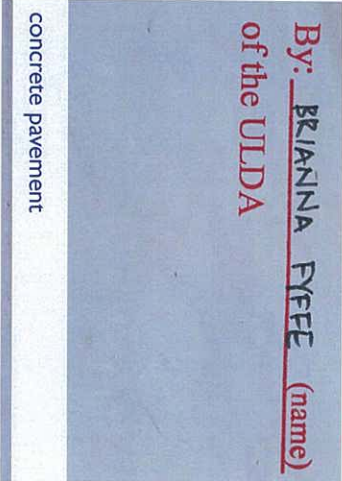


Dietes bicolor

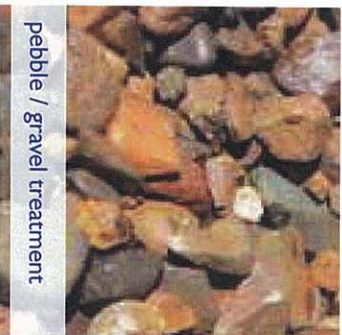
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By: BRIANNA FYFE (name)
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concrete pavement



pebble / gravel treatment



1800mm high single tone
Colorbond fence



semi-permeable fence - tubular
steel fence



turf

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PLANTING SCHEDULE

Scale Not to Scale | Date April 2012 | Project No 108208-17 | Project No SD_L1.02_01